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DES

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DE LA SUISSE

PAR

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VOLUME XV (1888)

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(12 PLANCHES)

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VOLUME XVI (1889)

MONOGRAPHIE

DES

POLYPIERS JURASSIQUES

DE LA SUISSE

PAR

F. KOBY

NEUVIÈME ET DERNIÈRE PARTIE

10 PLANCHES

Gravé v F. Schleuerbeck.

Fig. 1. ENNALOHELIA elegans Goldf. sp.
Fig. 2. ENNALOHELIA corallina d'Orb.
Fig. 3-4. ENNALOHELIA decussata, K.
Fig. 5.-6. DENDROHELIA mamillaris, K.
Fig. 7.-12. DENDROHELIA coalescens, Goldf. sp.

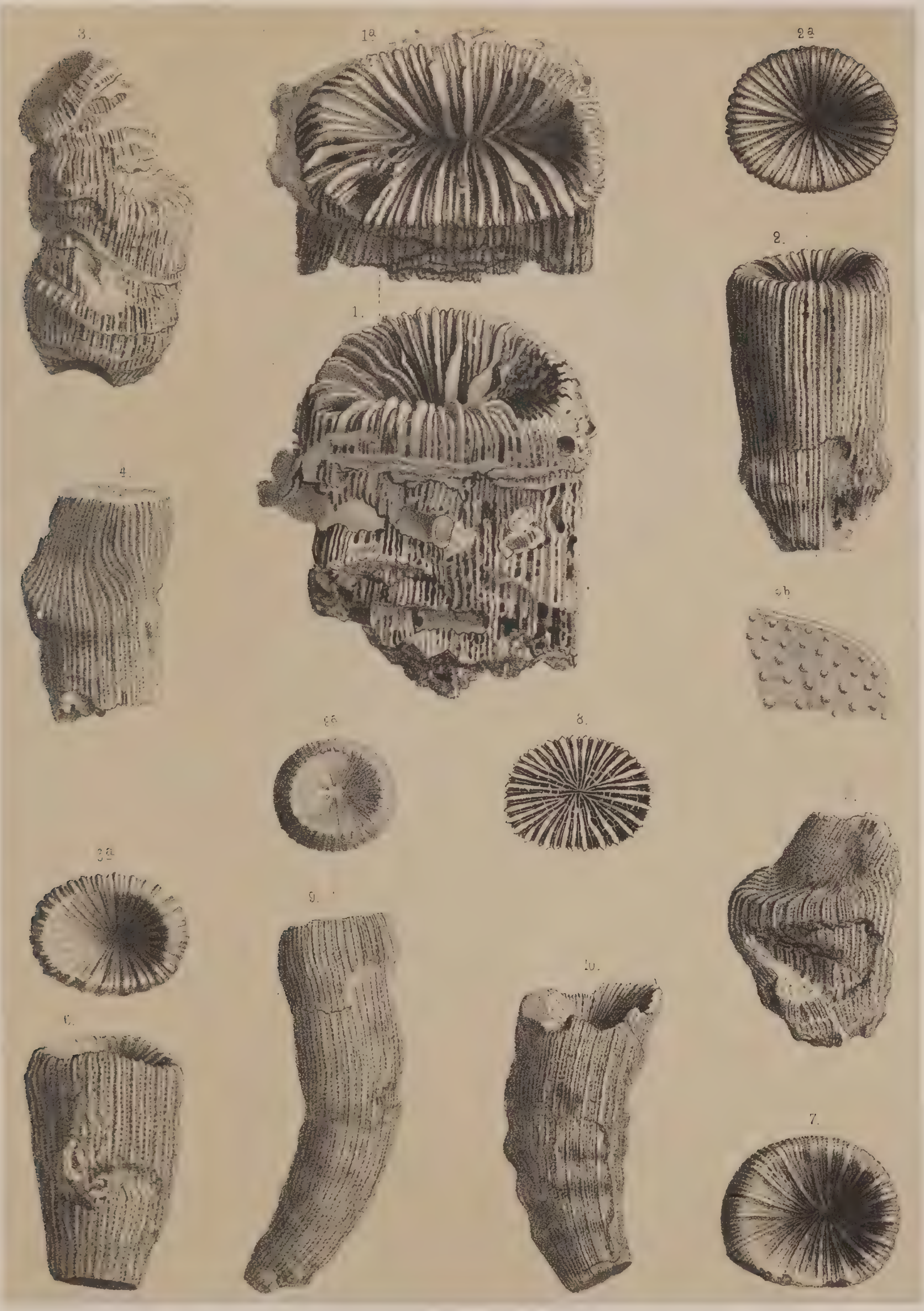
u. lithogr. v. F. Schlotterbeck. gedr. v. Br. Keller, i. München

Fig. 1.-6. DENDROHELIA coalescens, Goldf. sp.

Fig. 1.-2. DISCOCYATHUS Eudesi, Mich. sp.
Fig. 3.-7. THECOCYATHUS mactra, Goldf. sp.
Fig. 8.-11. TROCHOCYATHUS Magnevilleanus, Mich. sp.
Fig. 12. TROCHOCYATHUS corallinus, K.
Fig. 13. TROCHOSMILIA inflata, K.
Fig. 14. TROCHOSMILIA excelsa, K.

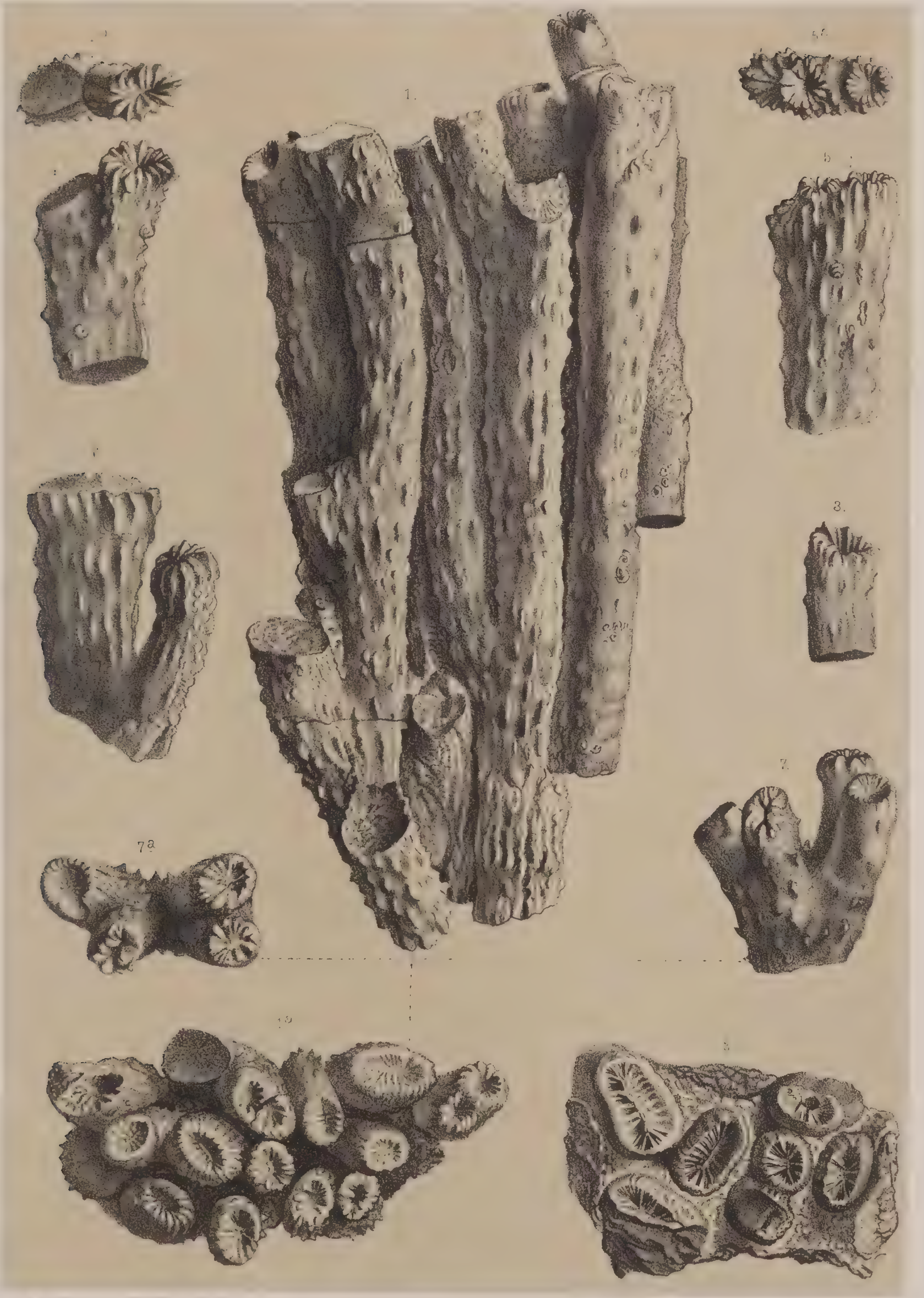
Fig. 1. PLEUROSMILIA corallina, Et.
Fig. 2. PLEUROSMILIA genevensis, K.
Fig. 3. PLEUROSMILIA excavata, K.
Fig. 4. PLEUROSMILIA compressa, K.
Fig. 5. PLEUROSMILIA Marcou, Et.
Fig. 6. AXOSMILIA cylindrata, K.
Fig. 7. PLESIOSMILIA gracilis, K.
Fig. 8. PLESIOSMILIA truncata, K.
Fig. 9. PLESIOSMILIA corallina, K.
Fig. 10. EPISMILIA magna, K.

Fig. 1.-4. EPISMILIA alsatica, From. et Fer.
Fig. 5. EPISMILIA cylindrata Milasch.
Fig 6. EPISMILIA Delemontana, K.
Fig. 7. EPISMILIA Delemontana, K.
Fig. 8.-11. EPISMILIA contorta, K.



Gedr. v. Br. Keller i. München

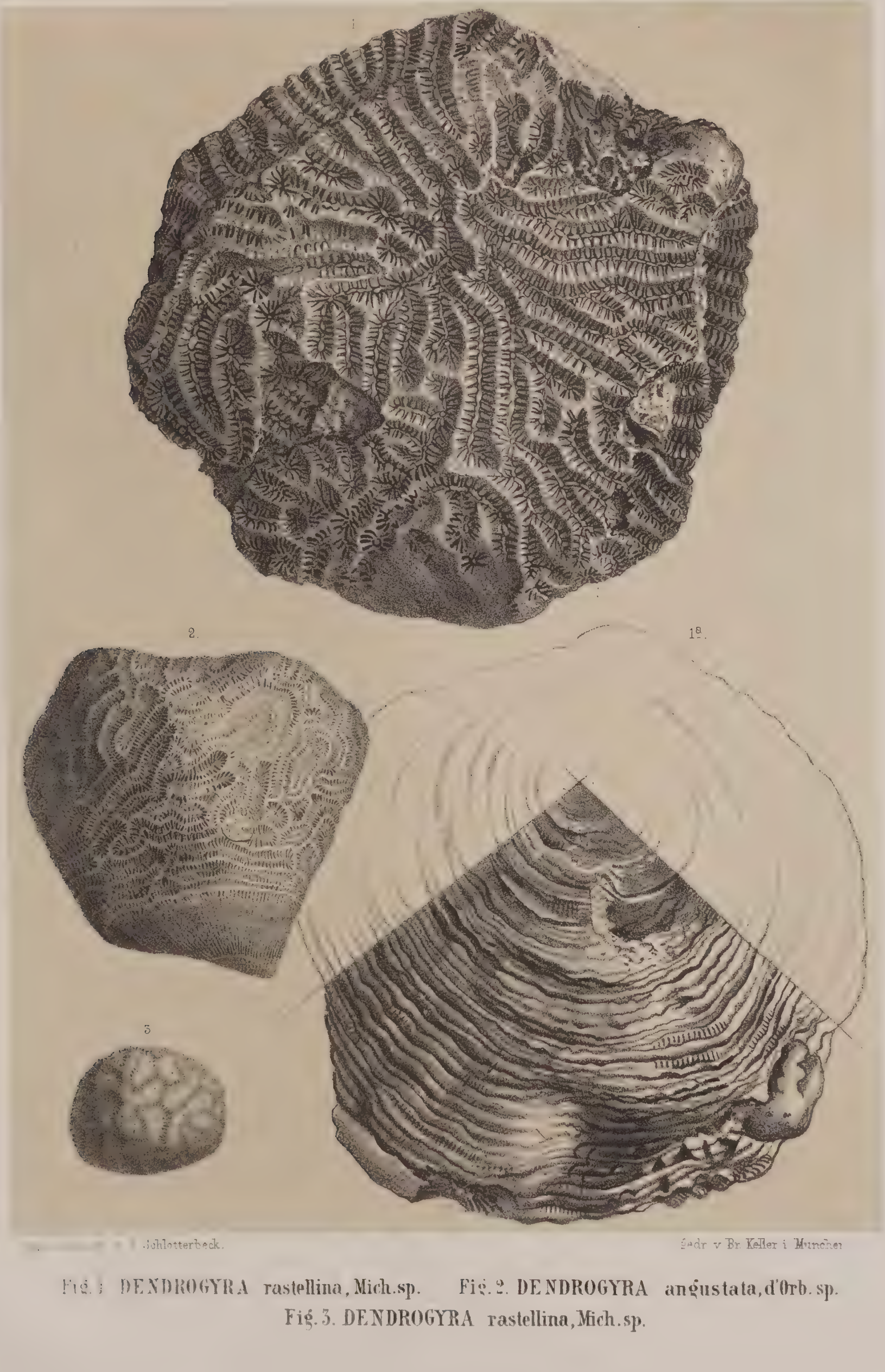
Fig. 1. EPISMILIA Thurmanni, Et. sp.
Fig. 2. EPISMILIA crassisepta, Koby.
Fig. 3.-5. EPISMILIA irregularis, Koby.
Fig. 6.-8. EPISMILIA Laufonensis, Koby.
Fig. 9.-10. EPISMILIA multisepta, Koby.



... hogr. v. F. Schlotterbeck. Gedr. v. Br. Keller i. München.

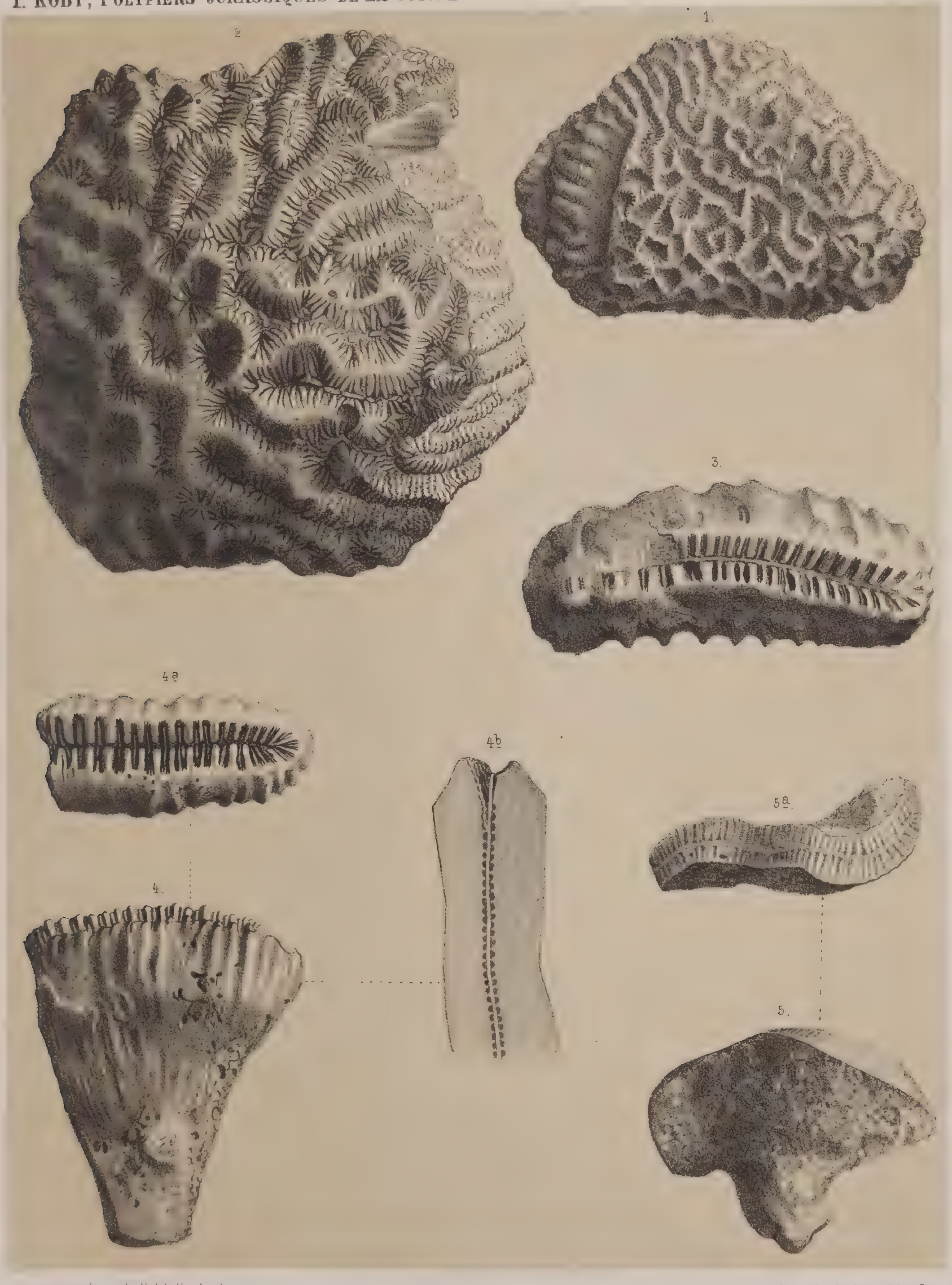
Fig. 1.-6. APLOSMILIA rugosa Koby. Fig 7. APLOSMILIA spinosa, Koby.

Fig 1. 2. APLOSMILIA nuda d'Orb. sp. Fig. 3.-4. APLOSMILIA semisulcata, Mich. sp.
Fig. 5. 6. APLOSMILIA Thurmanni, Koby.



Schlotterbeck. Gedr. v Br. Keller i München

Fig. 1. DENDROGYRA rastellina, Mich. sp. Fig. 2. DENDROGYRA angustata, d'Orb. sp.
Fig. 3. DENDROGYRA rastellina, Mich. sp.



...ogr. v. F. Schlotterbeck. gedr. v. Br. Keller, i. München

Fig. 1. DENDROGYRA angustata, d'Orb. sp.
Fig. 2. DENDROGYRA Thurmanni, Et.
Fig. 3-4. RHIPIDOGYRA flabellum. Mich, sp.
Fig. 5. RHIPIDOGYRA minima, K.

Fig. 1-2. RHIPIDOGYRA percrassa, Et.

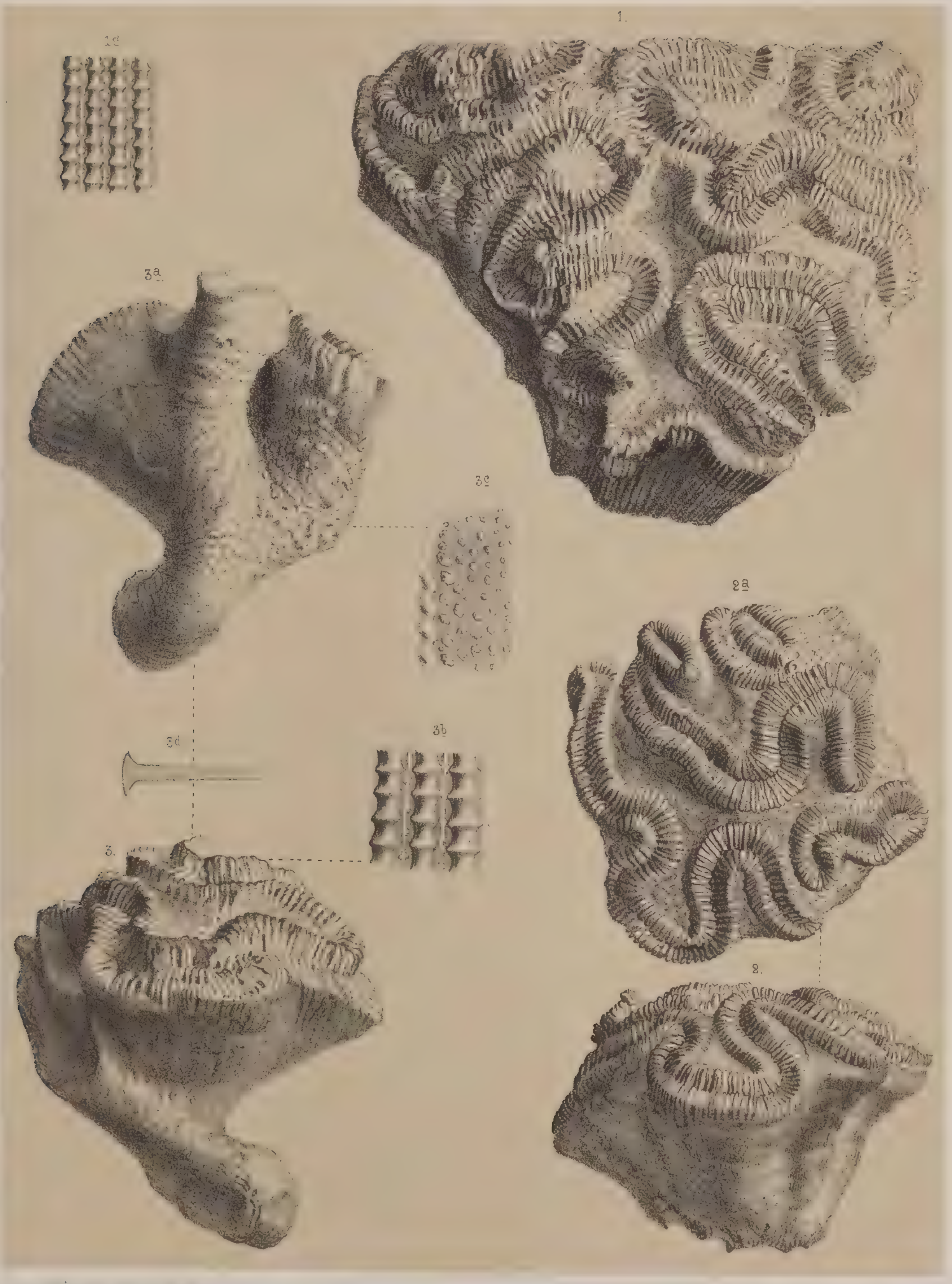


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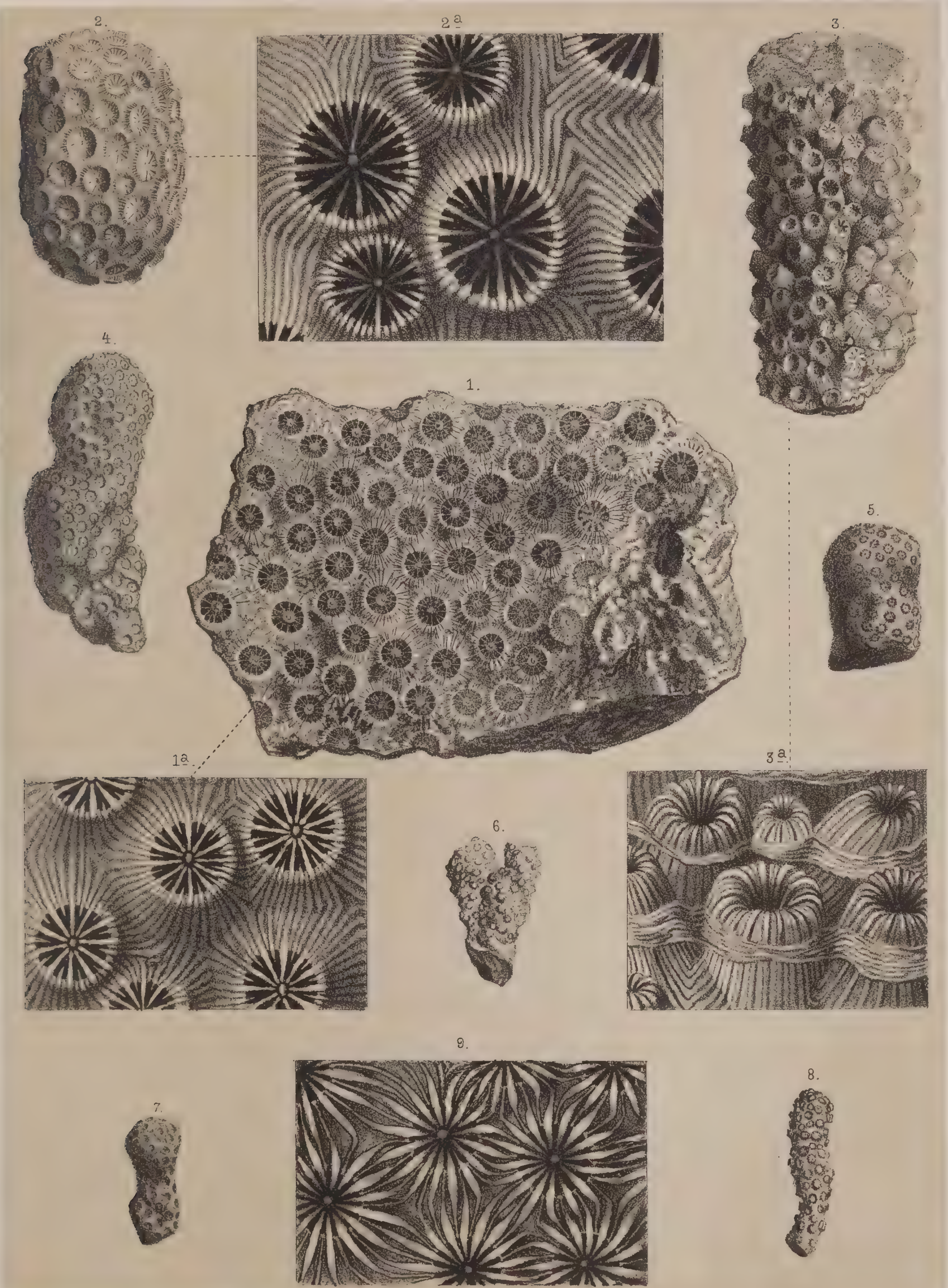
Fig. 1. PACHYGYRA Choffati, K. Fig. 2. PACHYGYRA caudata, Et.
Fig. 3. PACHYGYRA Cotteaui, Fr.

Schlotterbeck. | gedr. v. Br. Keller, i. München.

Fig. 1. APLOSMILIA spathula, Et. Fig. 2. EPISMILIA multisepta, Koby.
Fig. 3.-6. STYLOSMILIA Michelini, Edw.

Gedr. v. Br. Keller, i München

Fig. 1-2. APLOSMILIA semisulcatata, Mich. sp. Fig. 3-7. STYLOSMILIA corallina, Koby.



... v. F. ...otterbeck Gedr. v. Br. Keller, i. Munchen.

Fig. 1. STYLINA Girodi, Et.
Fig. 2. STYLINA Valfinensis, Et.
Fig. 3. STYLINA subramosa, Koby.
Fig. 4-9. STYLINA excelsa, Et.

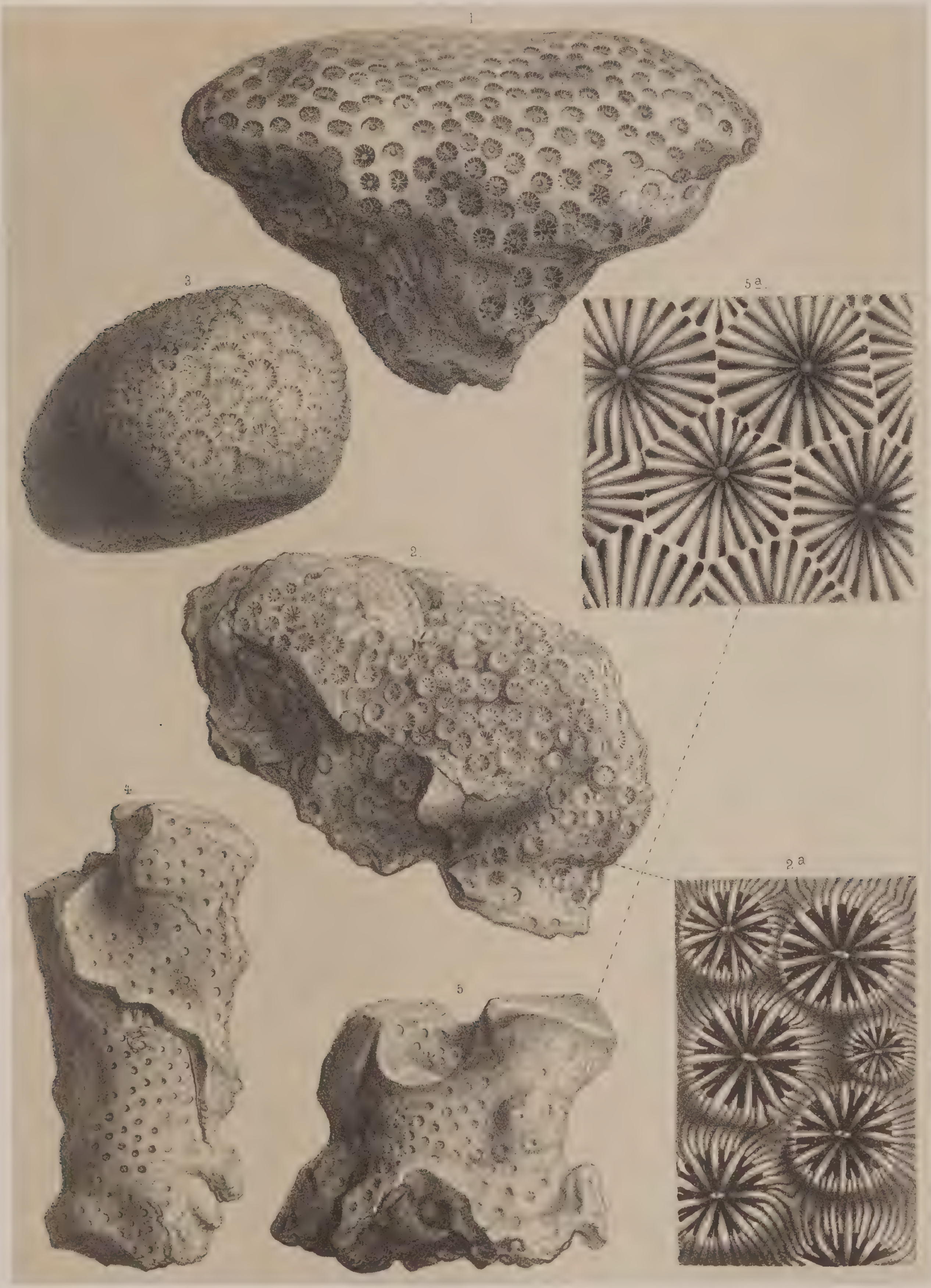


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Fig. 1.-2. STYLINA tenax, Et. Fig. 3. STYLINA Albensis, Et.
Fig 4.-5. DIPLOCOENIA coespitosa, Et. sp.

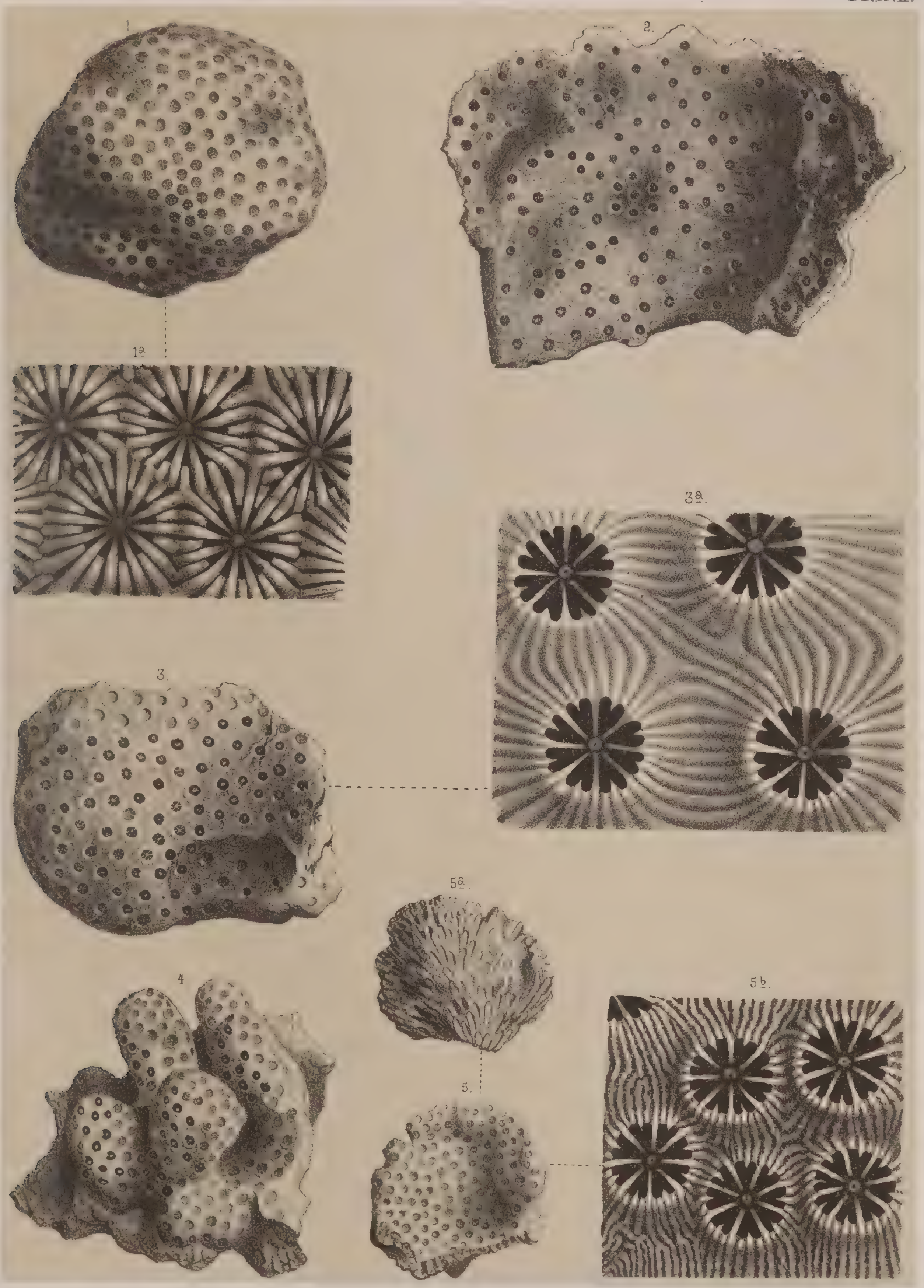

Fig. 1. DIPLOCOENIA Matheyi, Koby. Fig. 2-3. STYLINA stellata, Et.
Fig. 4-5. STYLINA Bernardina, d'Orb. sp.

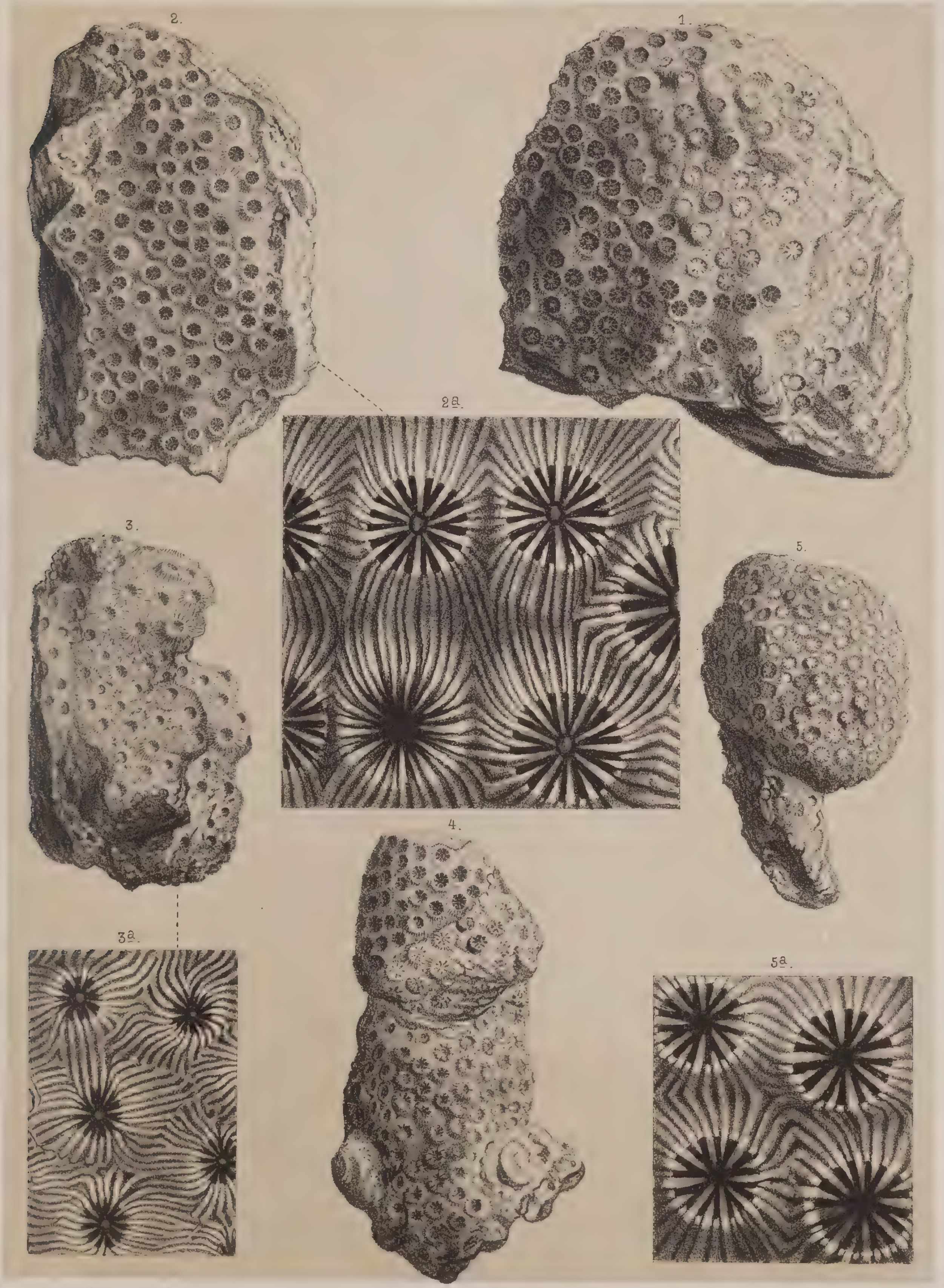

Fig. 1.-2. STYLINA tubuliphera, Phill. sp. Fig. 3. DIPLOCOENIA polymorpha, Koby.
Fig. 4.-5. CRYPTOCOENIA octonaria, d'Orb. sp.

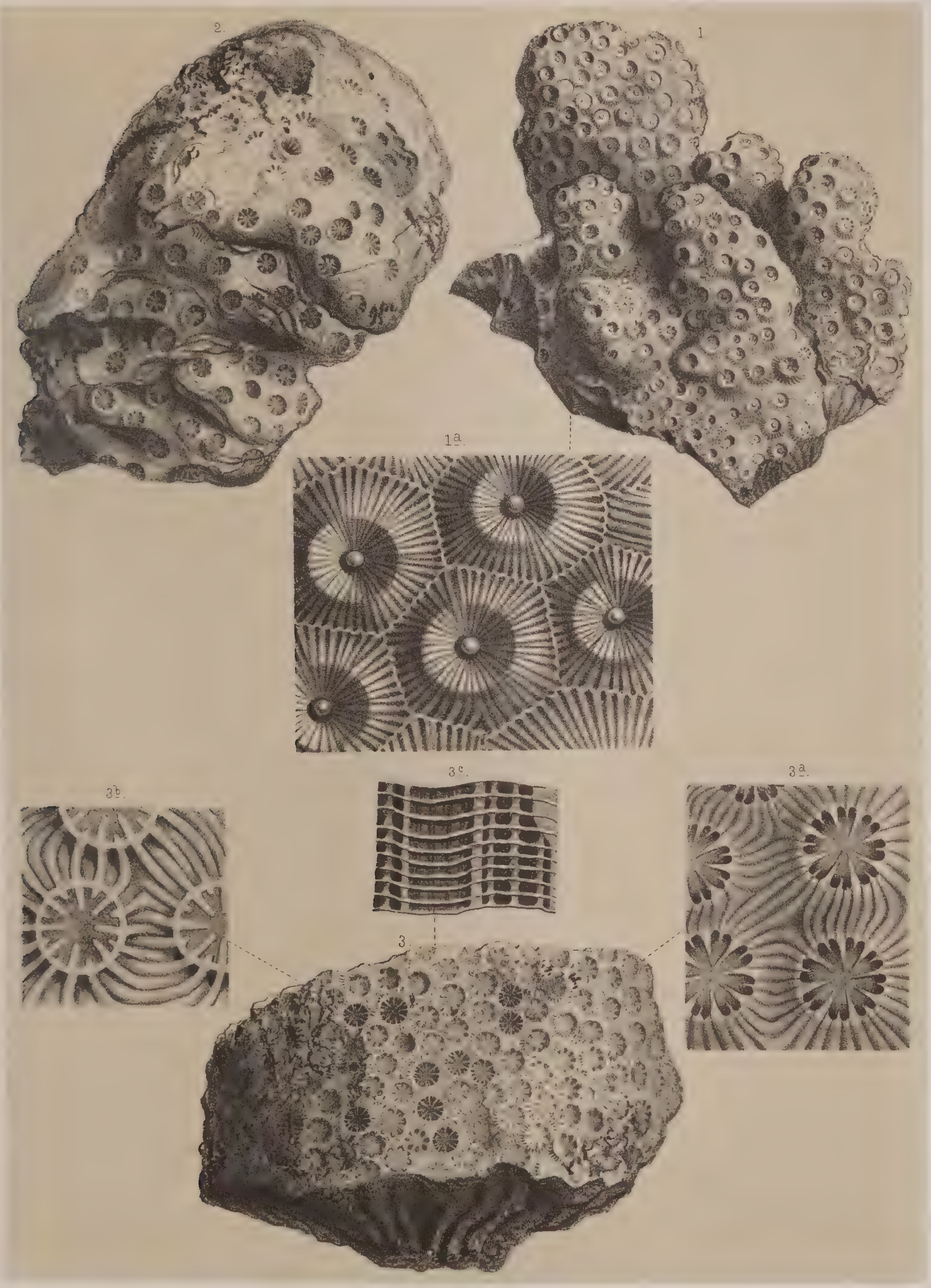

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Fig. 1. DIPLOCOENIA polymorpha, Koby. Fig. 2. STYLINA lobata, Goldf. sp.
Fig. 3. CRYPTOCOENIA castellum, Mich. sp.

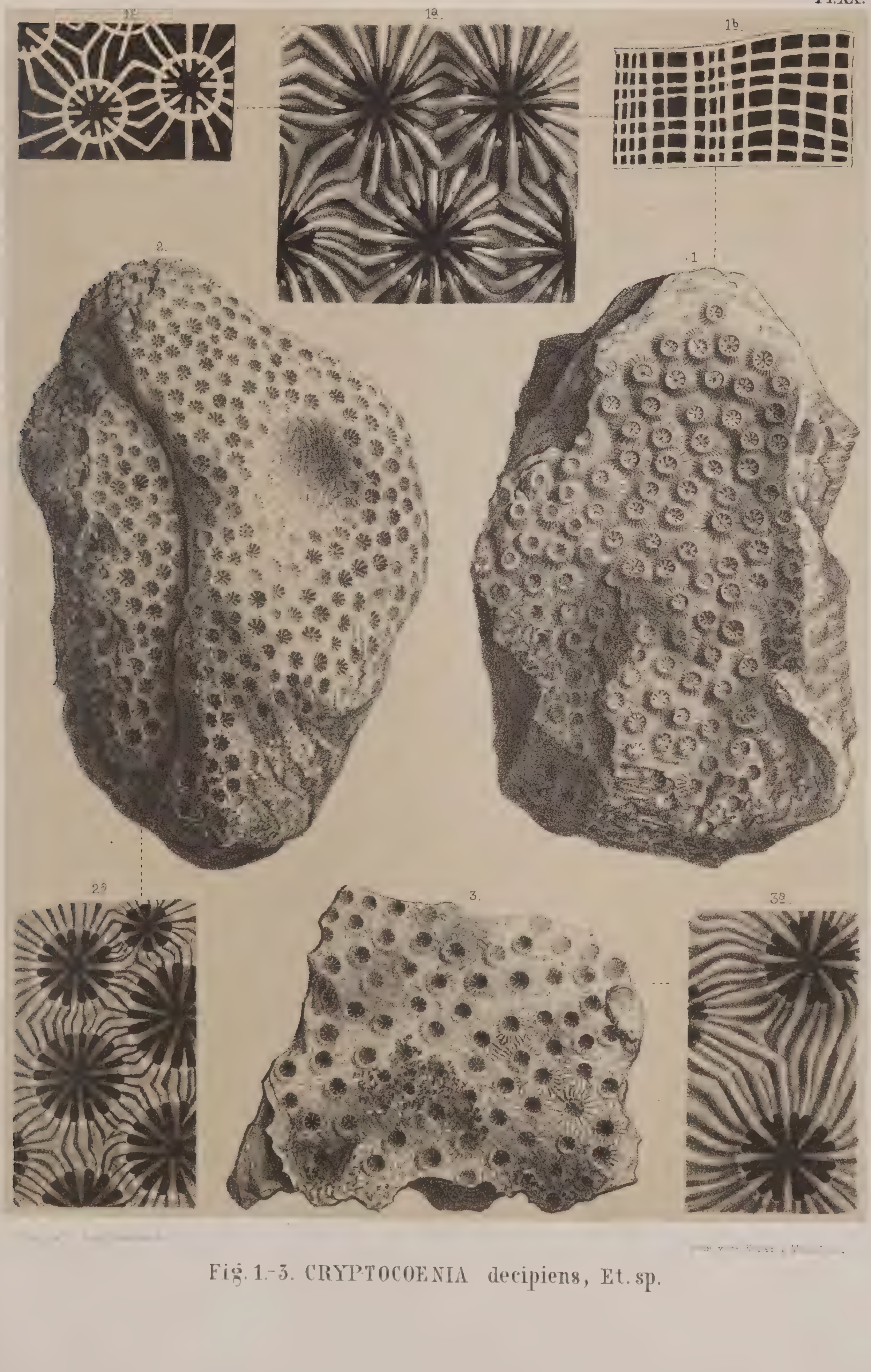

Fig. 1-3. CRYPTOCOENIA decipiens, Et. sp.

Fig. 1-5. CRYPTOCOENIA limbata, Goldf. sp.

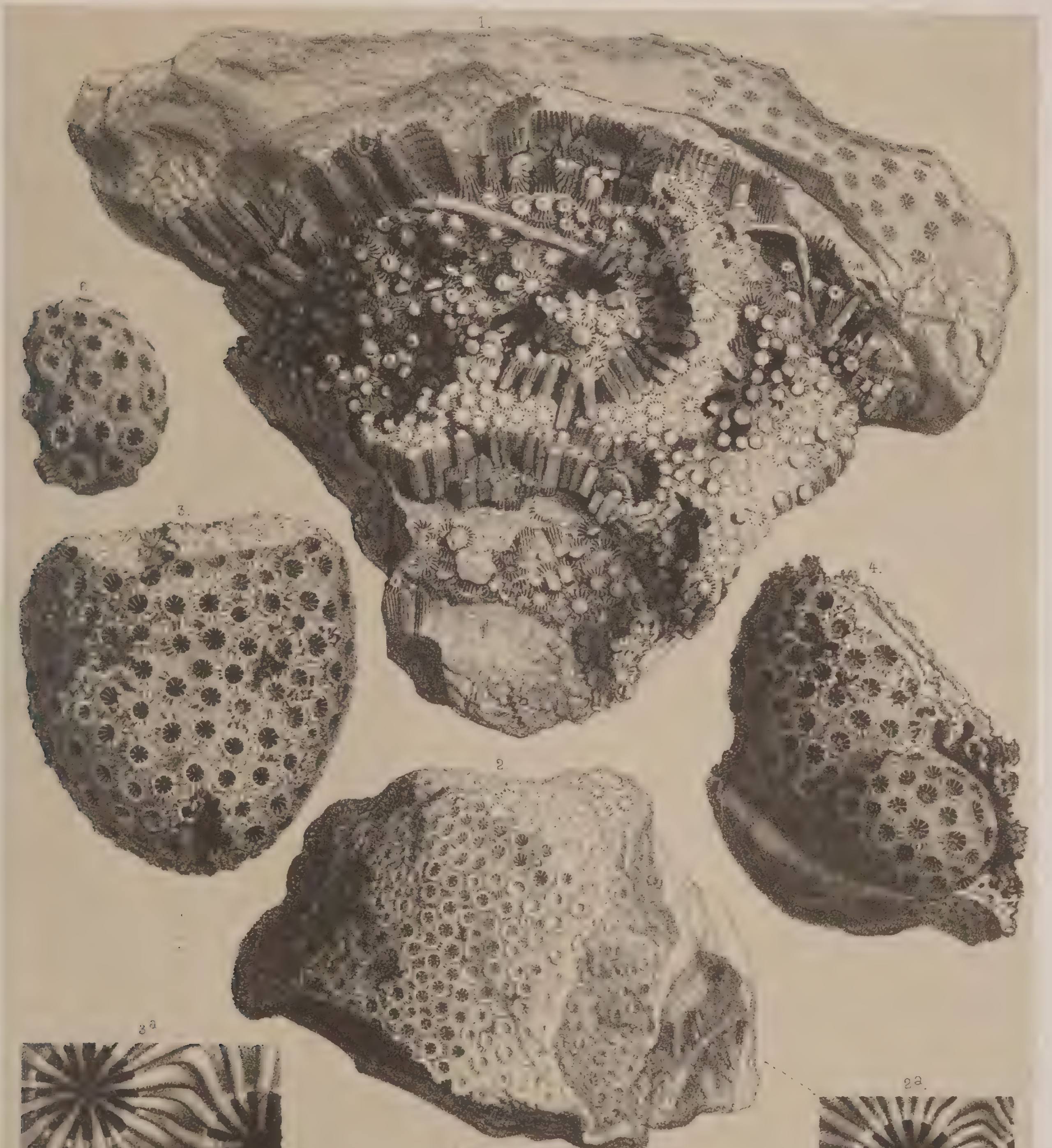

Fig. 1-2. CRYPTOCOENIA limbata, Goldf. sp. Fig. 3. 5. CRYPTOCOENIA Cartieri, Koby.

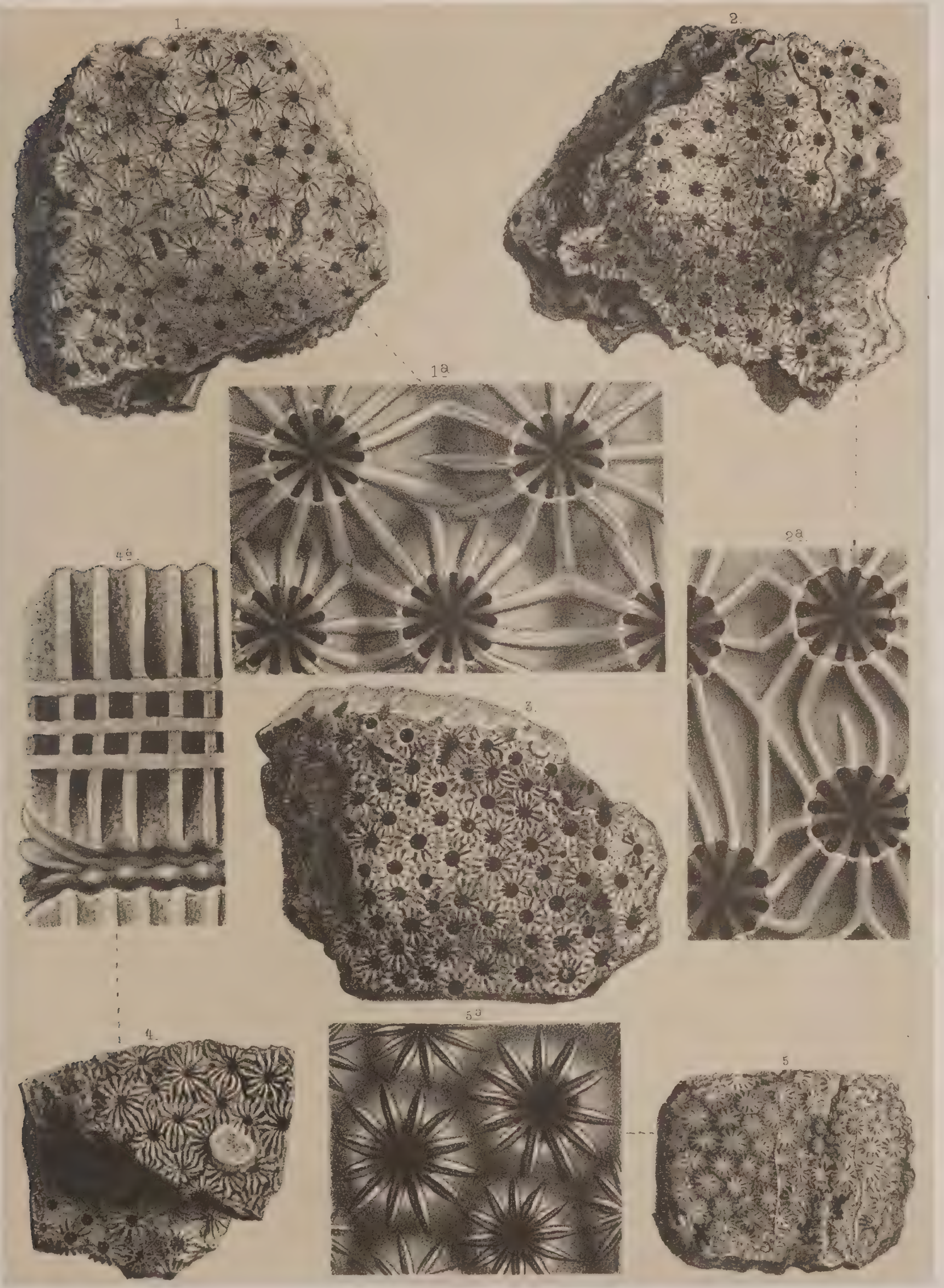

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Fig. 1.-4. CONVEXASTREA Meriani, Koby. Fig. 5. CONVEXASTREA Bachmanni, Koby.

Fig. 1-3. CONVEXASTREA Bernensis, Et. sp. Fig. 4-5. CONVEXASTREA semiradiata, Et.

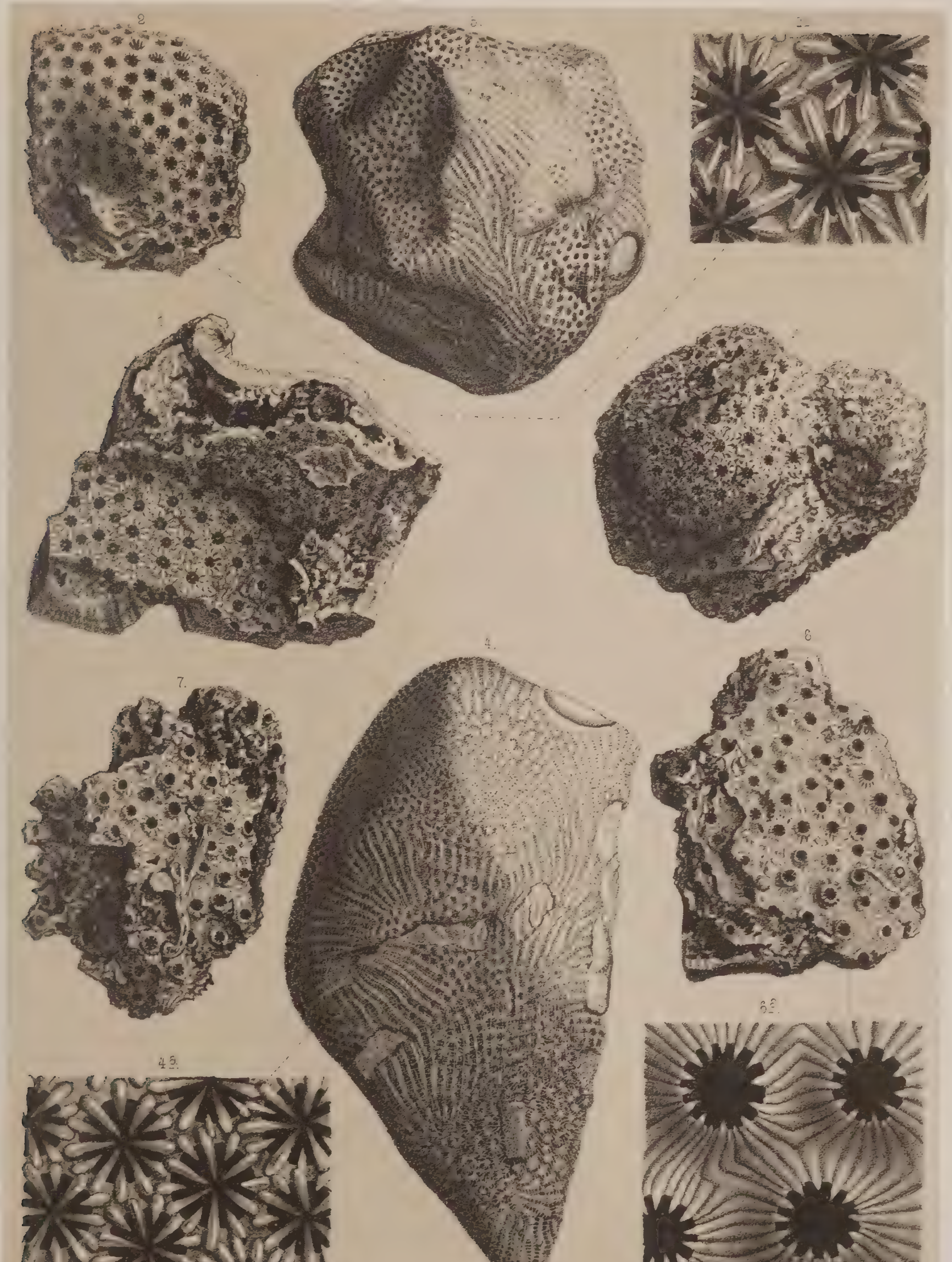

Fig. 1-3 CONVEXASTREA sexradiata, Gdf. sp. Fig. 4-5. CONVEXASTREA minima, Et.
Fig. 6-7. CYATHOPHORA faveolata, Koby.

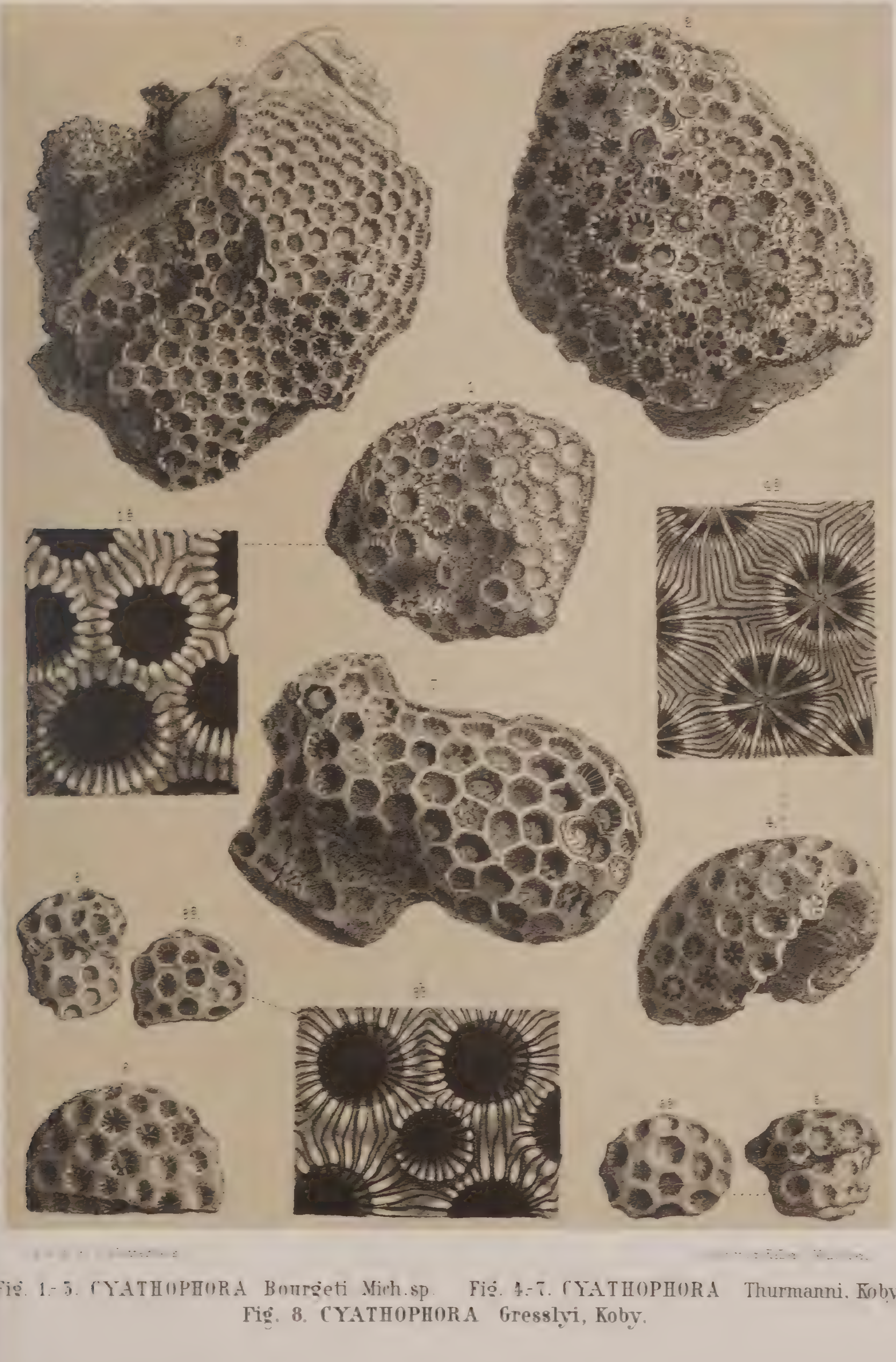

Fig. 1-3. CYATHOPHORA Bourgeti Mich. sp. Fig. 4-7. CYATHOPHORA Thurmanni, Koby.
Fig. 8. CYATHOPHORA Gresslyi, Koby.

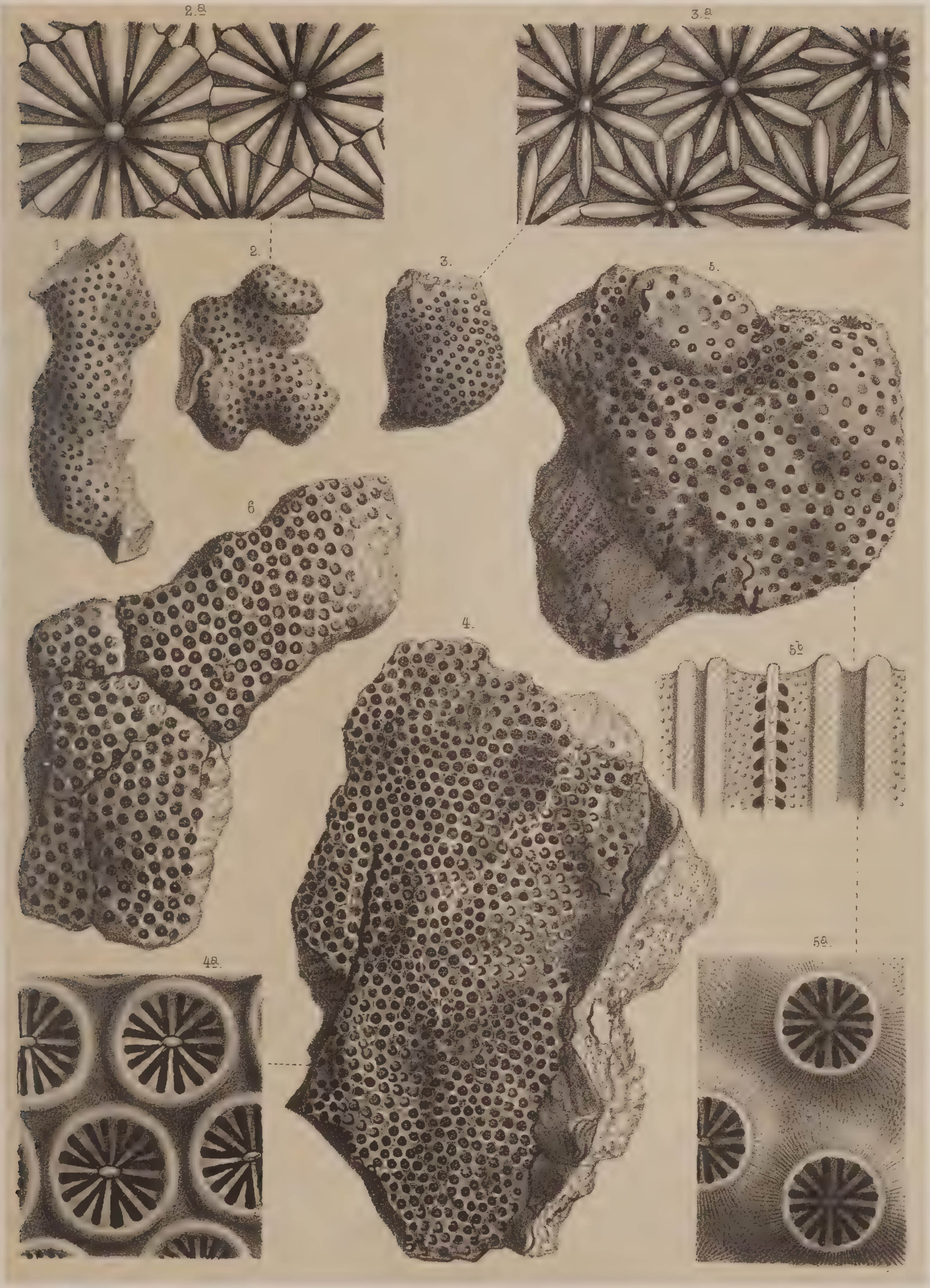

Fig. 1.-2. DIPLOCOENIA lobata, Et sp. Fig. 3. DIPLOCOENIA stellata, Et. sp.
Fig. 4.-6 HELIOCOENIA corallina, Koby.

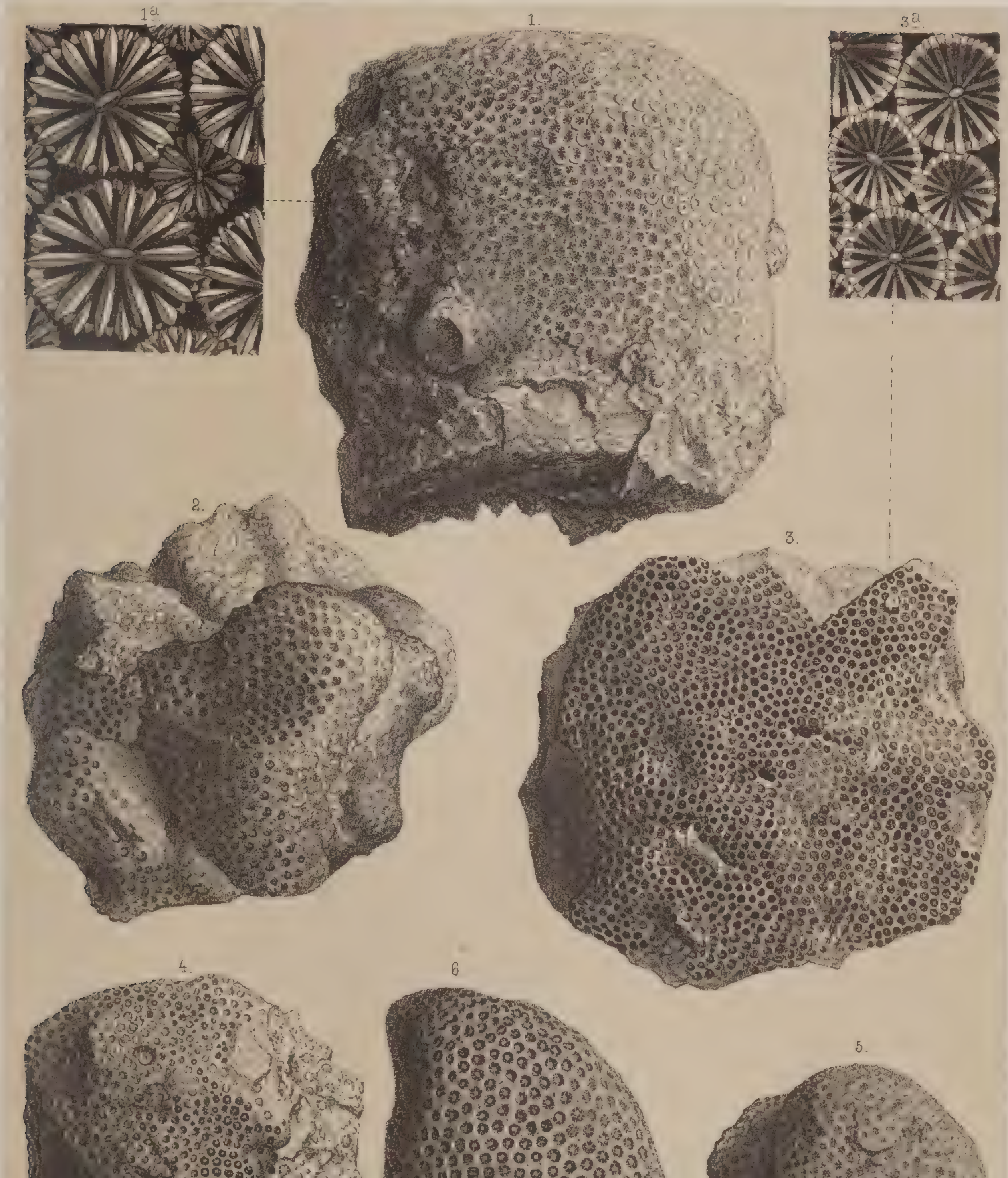

Fig. 1. 2. HELIOCOENIA variabilis, Et. — Fig. 3.-4. HELIOCOENIA Humberti, Et.

Fig. 5. HELIOCOENIA Etalloni, Koby. — Fig. 6. HELIOCOENIA corallina, Koby.

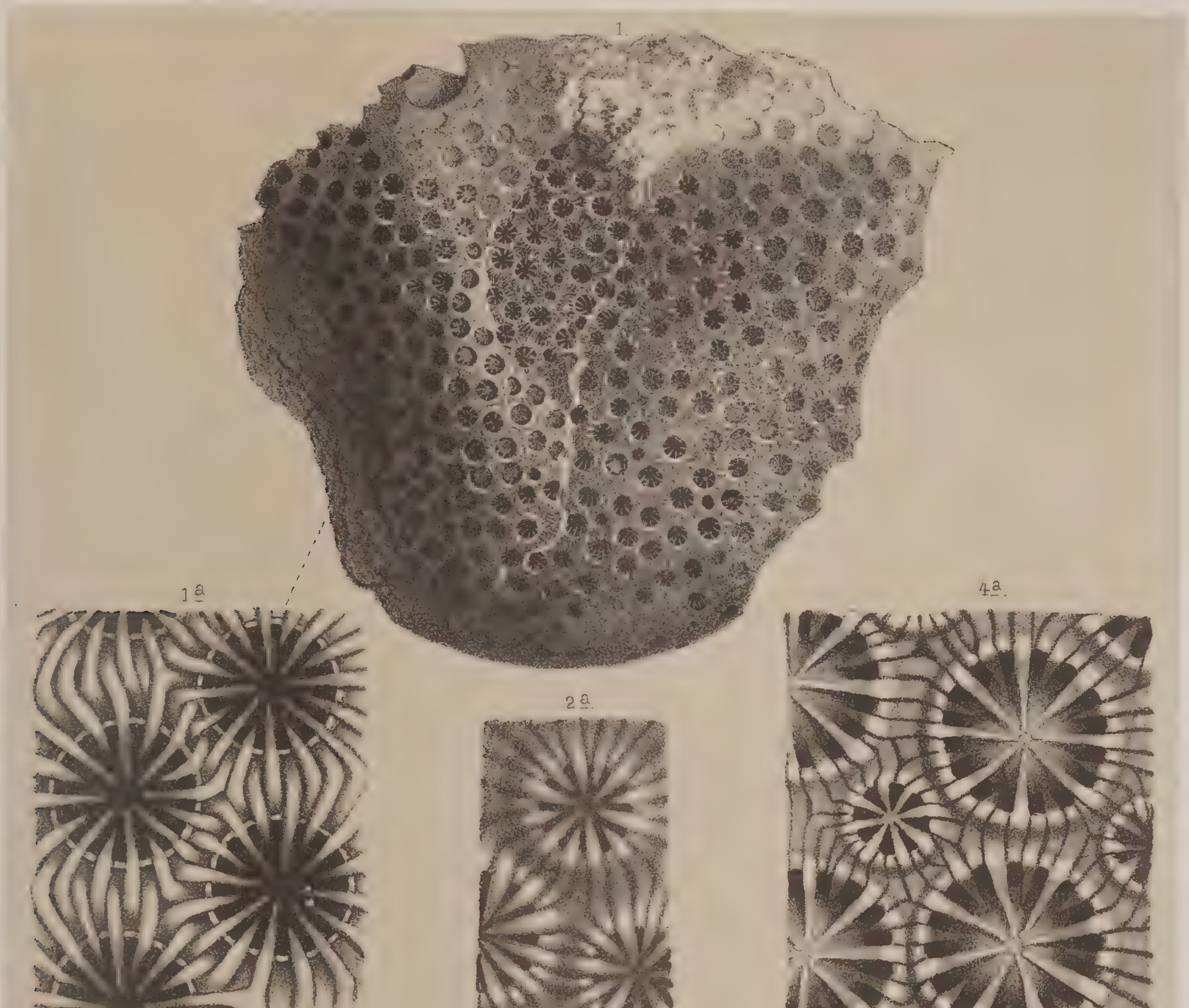

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Fig. 1. CRYPTOCOENIA octosepta, Et. sp.
Fig. 2. CRYPTOCOENIA Thiessingi. Koby.
Fig. 3 5. CRYPTOCOENIA tabulata, Koby.
Fig. 6. CYATHOPHORA Gresslyi, Koby.

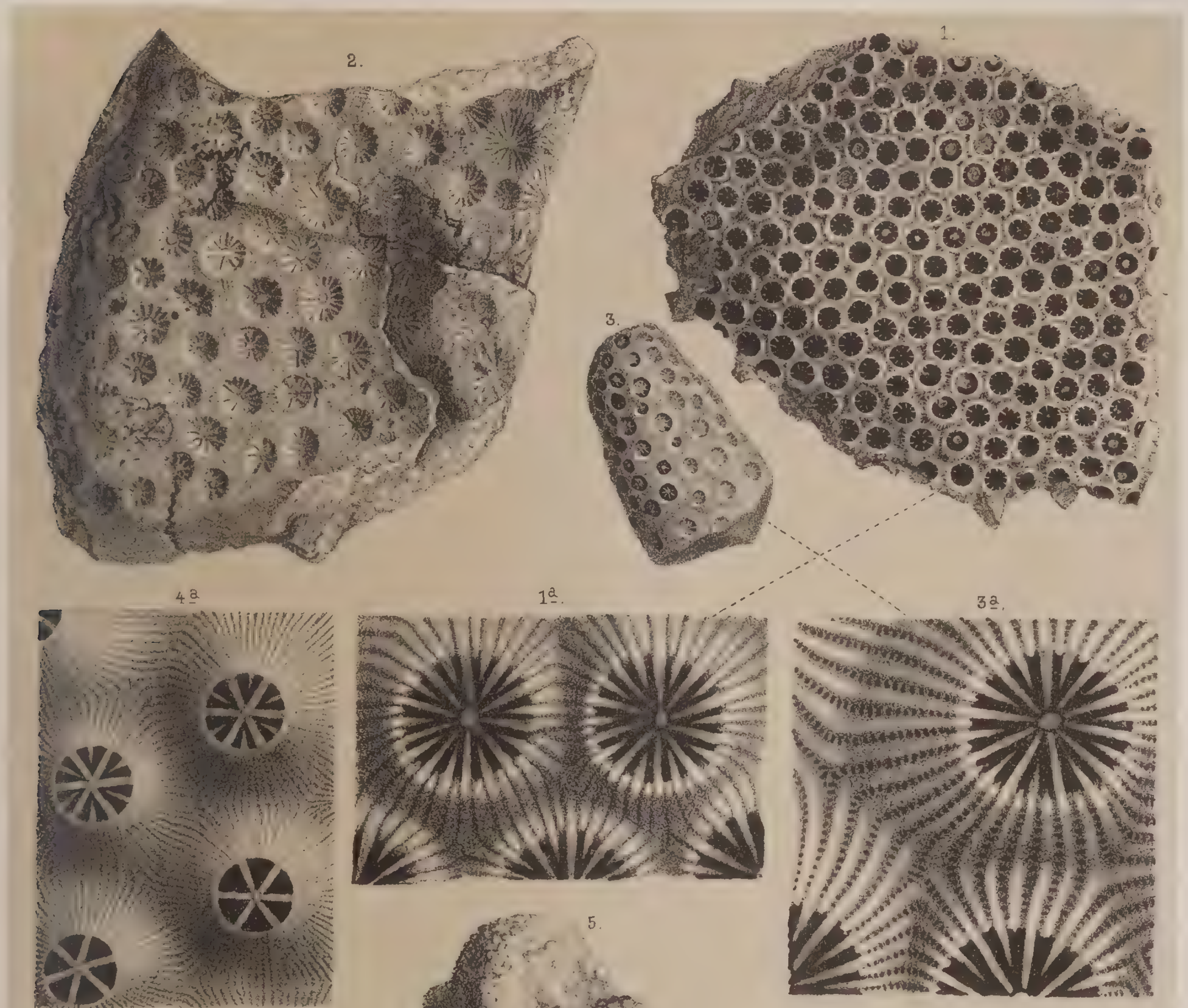

Fig. 1. STYLINA fenestralis, Koby.
Fig. 2. STYLINA Renevieri, Koby.
Fig. 3. STYLINA punctata, Koby.
Fig. 4. HELIOCOENIA costulata, Koby.
Fig. 5. HELIOCOENIA variabilis, Et.
Fig. 6. PSAMMOCOENIA Koechlini, Edw. & H.

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Fig. 1-2. CRYPTCOENIA compressa, K.
Fig. 3-5. MONTLIVAULTIA Choffati, K.
Fig. 6. MONTLIVAULTIA ovata, Fr.
Fig. 7. MONTLIVAULTIA charcennensis, Fr.
Fig. 8-9. MONTLIVAULTIA vesiculosa, K.
Fig. 10. MONTLIVAUTIA Greppini, K.
Fig. 11-12. MONTLIVAULTIA Labechei, E. H.

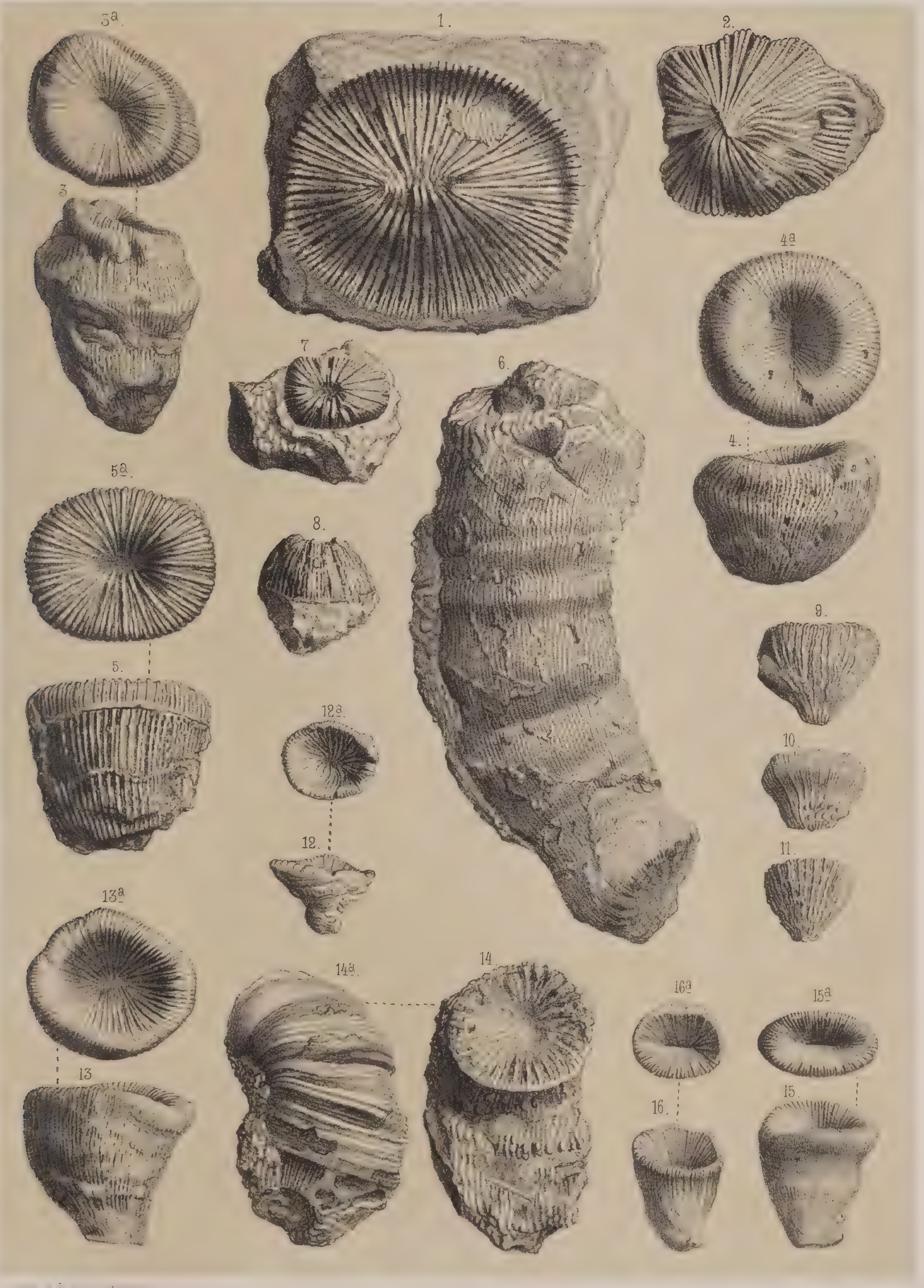

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Fig. 1-2. MONTLIVAULTIA Jaccardi, K.
Fig. 3. MONTLIVAULTIA variabilis, K.
Fig. 4. MONTLIVAULTIA semiglobosa, K.
Fig. 5. MONTLIVAULTIA media, K.
Fig. 6. MONTLIVAULTIA Renevieri, K.
Fig. 7-8. MONTLIVAULTIA humilis, K.
Fig. 9-11. MONTLIVAULTIA nana, K.
Fig. 12. MONTLIVAULTIA vasiformis, Mich.
Fig. 13. MONTLIVAULTIA Melania, From.
Fig. 14. MONTLIVAULTIA tubicina, K.
Fig. 15 16. MONTLIVAULTIA Laufonensis, K.

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Fig. 1-6. MONTLIVAULTIA numismalis, d'Orb.
Fig. 7. MONTLIVAULTIA Labechei, E. H.
Fig. 8-10. MONTLIVAULTIA decipiens, Gdf.
Fig. 11 14. MONTLIVAULTIA inflata, Fr.
Fig. 15. MONTLIVAULTIA Charcennencis, Fr.
Fig. 16-17. MONTLIVAULTIA Matheyi, K.

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Fig. 1-3. MONTLIVAULTIA Valfinensis, Et. Fig. 6. MONTLIVAULTIA Bonjouri, Et.
Fig. 4-5. MONTLIVAULTIA Lotharinga, E.H. Fig. 7-8. MONTLIVAULTIA Etalloni, Fr.
Fig. 9. MONTLIVAULTIA Meriani, K.

v F. Schlotterbeck

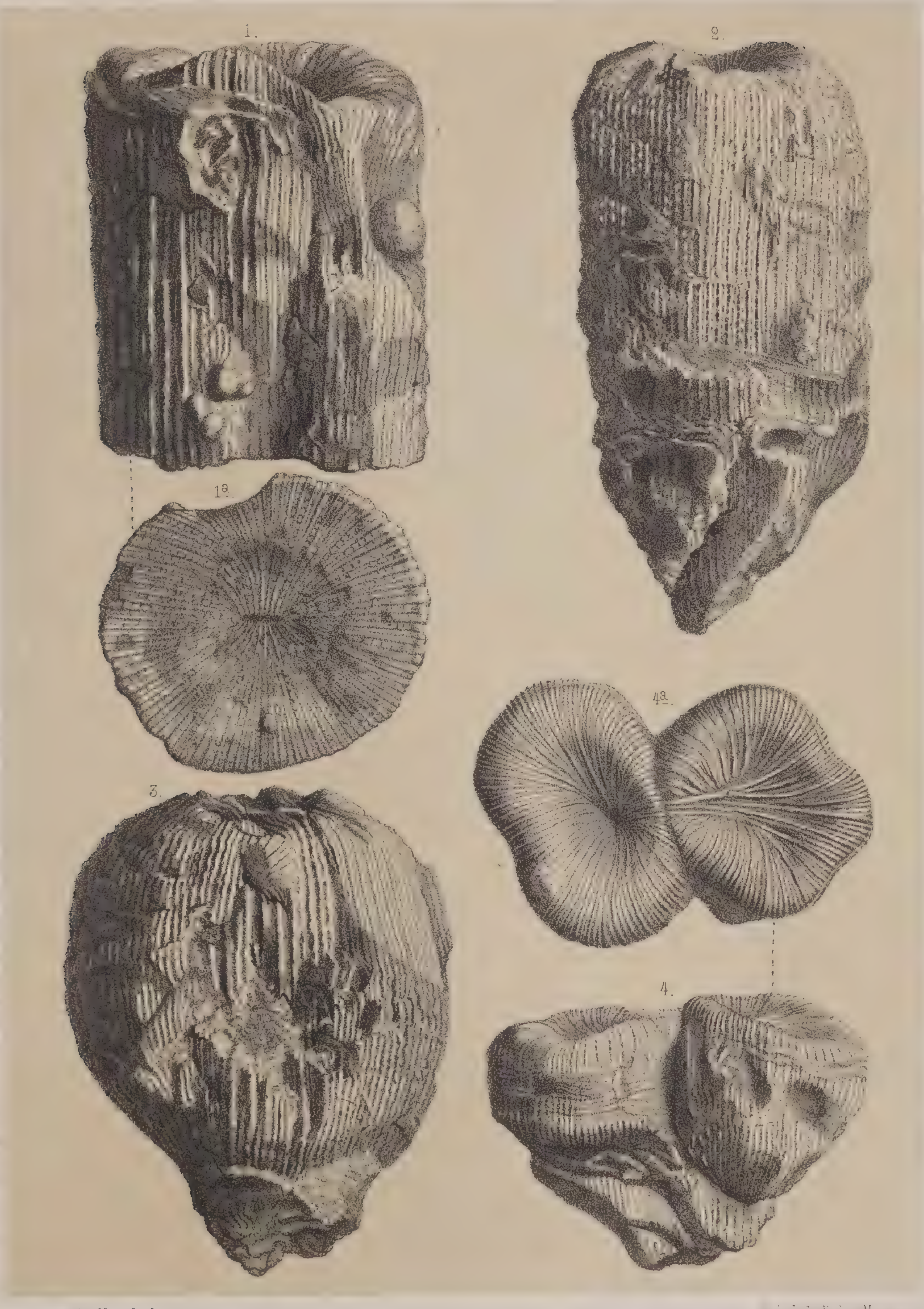
gedr. b. B. Keller München.

Fig. 1. MONTLIVAULTIA Moeschi, K. Fig. 2-3. MONTLIVAULTIA Mülleri, K.
Fig. 4-14. MONTLIVAULTIA caryophyllata, Lam.

Fig. 1-3. MONTLIVAULTIA Thurmanni, K. Fig. 4. MONTLIVAULTIA compressoïdes, K.
Fig. 5-6. MONTLIVAULTIA crassisepta, From.

Fig. 1-3. MONTLIVAOLTIA subdispar. Fr. Fig. 4-5. MONTLIVAULTIA Langi, K.
Fig. 6. MONTLIVAULTIA crassisepta. From.

Fig. 1 2. MONTLIVAULTIA truncata, Defr. Fig. 3 5. MONTLIVAULTIA crassisepta, Fr.



Hotterbeck.

Fig. 1 2. MONTLIVAULTIA truncata, Defr. Fig. 3. MONTLIVAULTIA crassisepta, Fr.
Fig. 4. MONTLIVAULTIA dilatata, E.H.

Fig. 1-8. MONTLIVAULTIA dilatata. E. H.

Fig. 1-4. MONTLIVAULTIA Greppini, K. Fig. 5 6. MONTLIVAULTIA ovata, Fr.
Fig. 7-8. MONTLIVAOLTIA Ducreti, K.

Fig. 1-4. EPISMILIA grandis, Th. Fig. 5-10. EPISMILIA elongata, Et.

Fig. 1. MONTLIVAULTIA truncata, Defr.
„ 2. „ dilatata, E.H.
Fig. 3-4. MONTLIVAULTIA obconica, From.
„ 5-8. „ Schardti, Koby.

Fig. 1-3. THECOSMILIA magna, Thurm. „ 4. „ Gresslyi, Koby.

Fig. 5. THECOSMILIA Cartieri, Koby. „ 6. „ furcata, Koby.

Fig. 1-2. THECOSMILIA trichotoma, Gdf.
„ 3-4. „ costata, From.
Fig. 5-11. THECOSMILIA Jaccardi, Koby.
„ 12. „ Gresslyi, Koby.

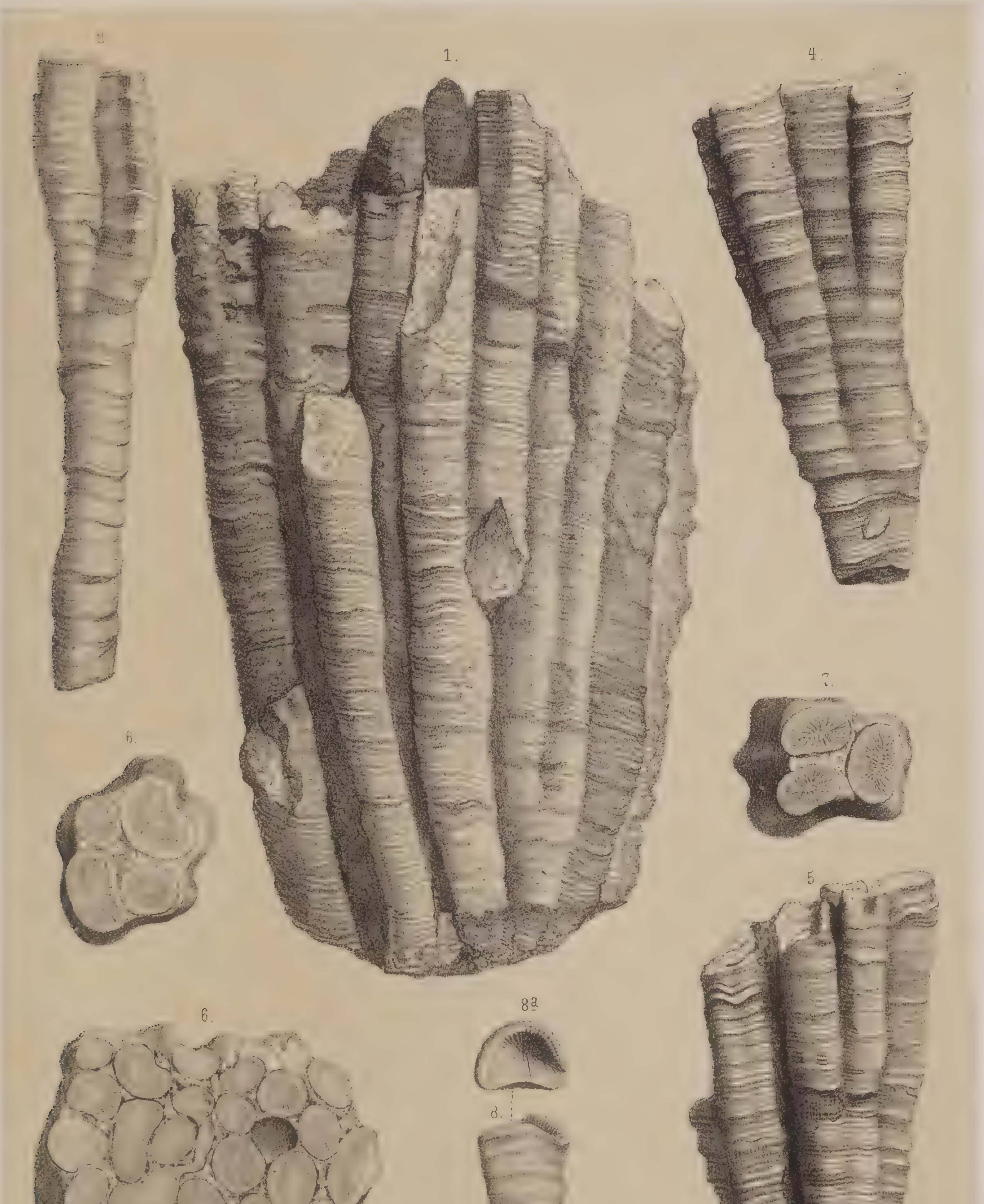


Fig. 1-3. THECOSMILIA plicata, Koby. Fig. 4-8. THECOSMILIA dichotoma, Koby.

Fig. 1. THECOSMILIA annularis, E.H. Fig 2-4. THECOSMILIA grandis, Koby.
Fig. 5. THECOSMILIA Cartieri, Koby

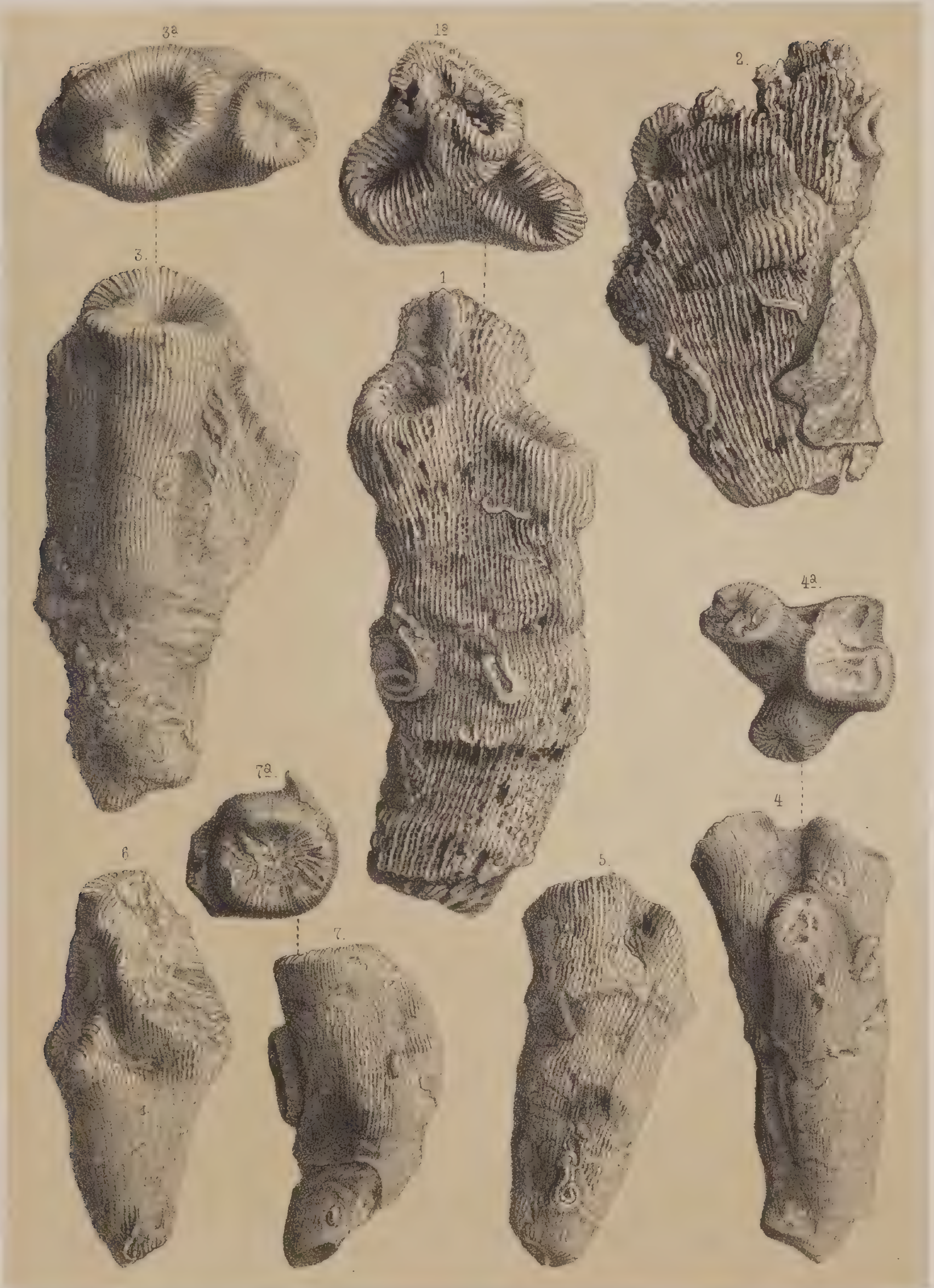


Fig. 1-7 THECOSMILIA Cartieri Koby

Fig. 1-9. THECOSMILIA hangi, Koby.

Fig. 1-6. DERMOSMILIA crassa, Et.

Fig. 1-5. DERMOSMILIA laxata, Et. Fig. 6-8. DERMOSMILIA divergens, Koby.
Fig. 9-11. DERMOSMILIA arborescens, Koby.

Fig. 1-2. DERMOSMILIA arborescens, Koby.
„ 3 „ Etalloni, Koby.

Fig. 4-7. DERMOSMILIA corymbosa, Koby.
„ 8-11. „ rugosa, Koby.

Fig. 1-5. CALAMOPHYLLIA flabellum, Mich.

Fig. 1. CALAMOPHYLLIA flabellum, Mich. Fig. 3. CALAMOPHYLLIA granulosa, Koby.
„ 2. „ furcata, Koby. „ 4. „ Ducreti, Koby.
Fig. 5. THECOSMILIA Martini, From.

Fig. 1-8. CALAMOPHYLLIA Rhaetiana, Koby. Fig. 9-17. THECOSMILIA costata, From.

Lith. v. F. Schlederbeck. Gedr. b. E.

Fig. 1. CLADOPHYLLIA radiata, E.H. Fig. 3-7. RHABDOPHYLLIA cervina, Et.
„ 2. CALAMOPHYLLIA Ducreti, Koby. „ 8. PLEUROPHYLLIA alpina, Koby.

Fig. 1-3. CLADOPHYLLIA ramea, Koby.
„ 4. „ Chofatti, Koby.
„ 5. „ Picteti, Et.
Fig. 6. CLADOPHYLLIA Thurmanni, Et.
„ 7. THECOSMILIA annularis, E.H.
„ 8. BARYPHYLLIA alpina, Koby.
Fig. 9-11. BARYPHYLLIA glomerata, Koby.

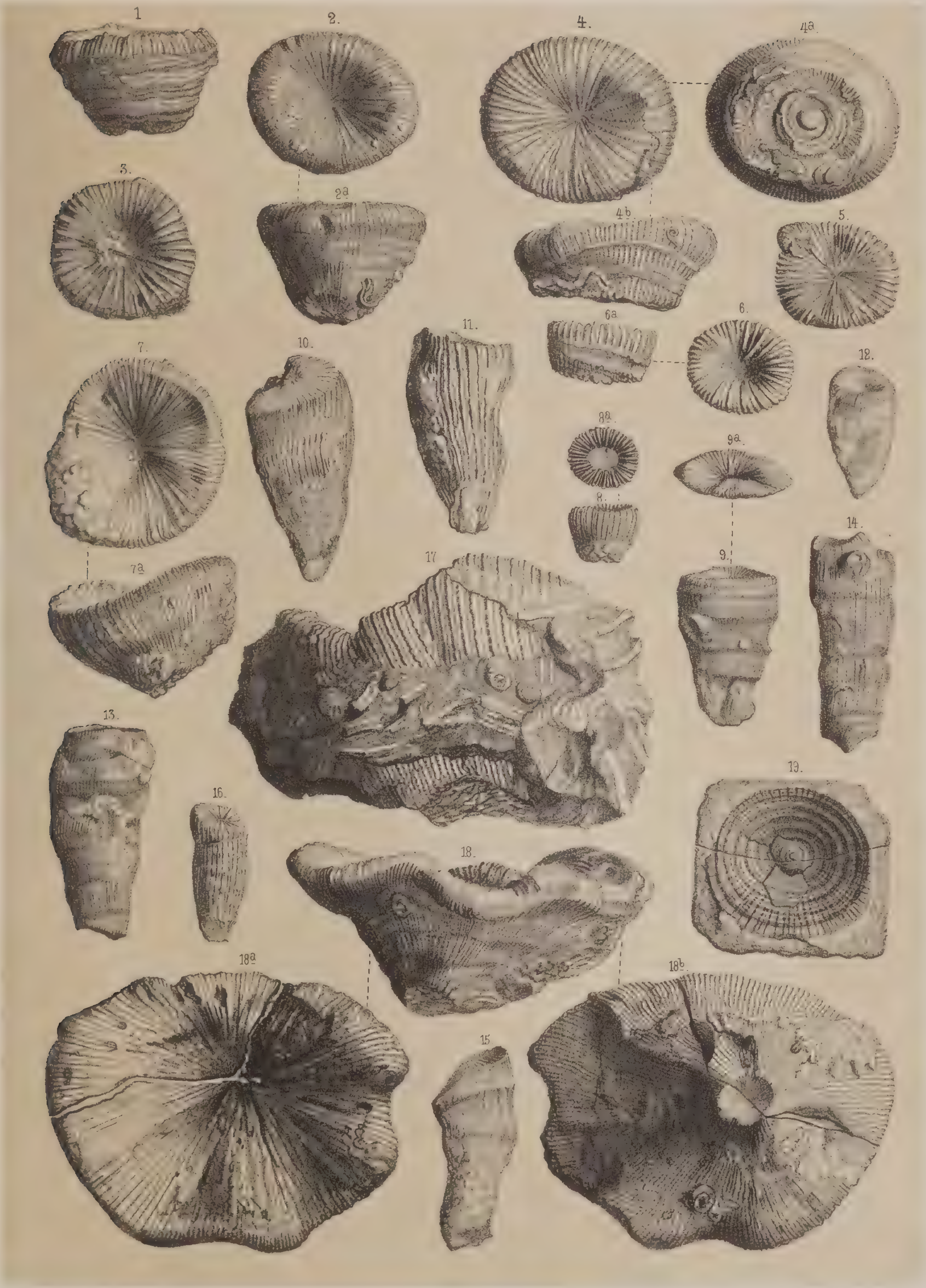


Fig. 1-3. MONTLIVAULTIA Sarthacensis, E.H.
„ 4-7. „ Cartieri, Koby.
„ 8. „ bellis, From.

Fig. 9-12. MONTLIVAULTIA Gillieroni, Koby.
„ 13-16. „ Bachmanni, Koby.
„ 17-18. „ Cytinus, From.

Fig. 1. CALAMOPHYLLIA crassa, Koby.
" 2. " Etalloni, Koby.
" 3. " Ducreti, Koby.
Fig. 4-7. THECOSMILIA costata, From.
" 8-10 minuta, Koby.
" 11. maxima, Koby.
Fig. 12. PLESIOPHYLLIA recta, Koby.

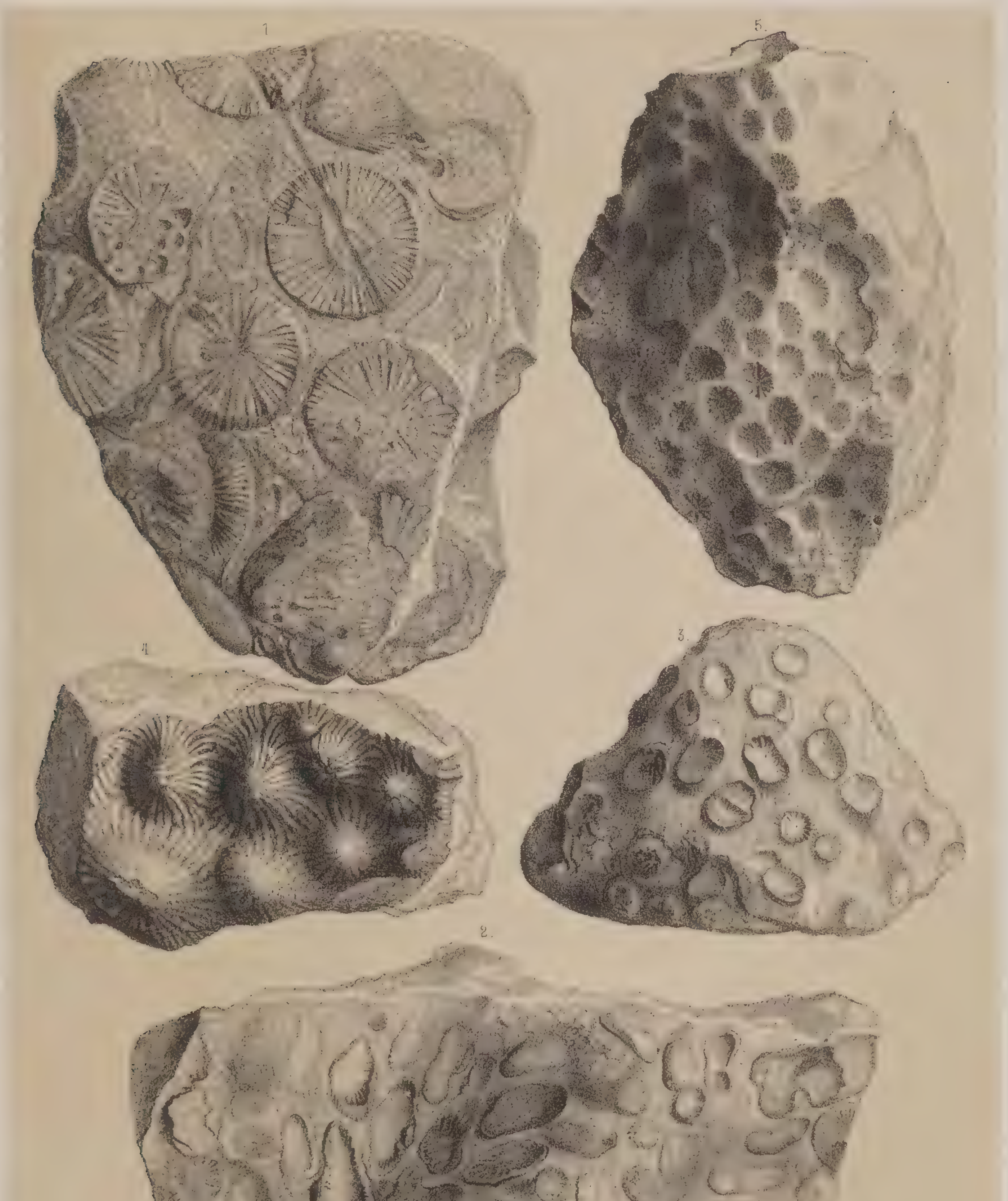


Fig. 1. THECOSMILIA Cornolensis, Koby. Fig. 3. BARYPHYLLIA lobata, Et.
" 2 " Schardti, Koby. " 4. FAVIA magniflora, Et.
Fig. 5. FAVIA Thurmanni, Et.

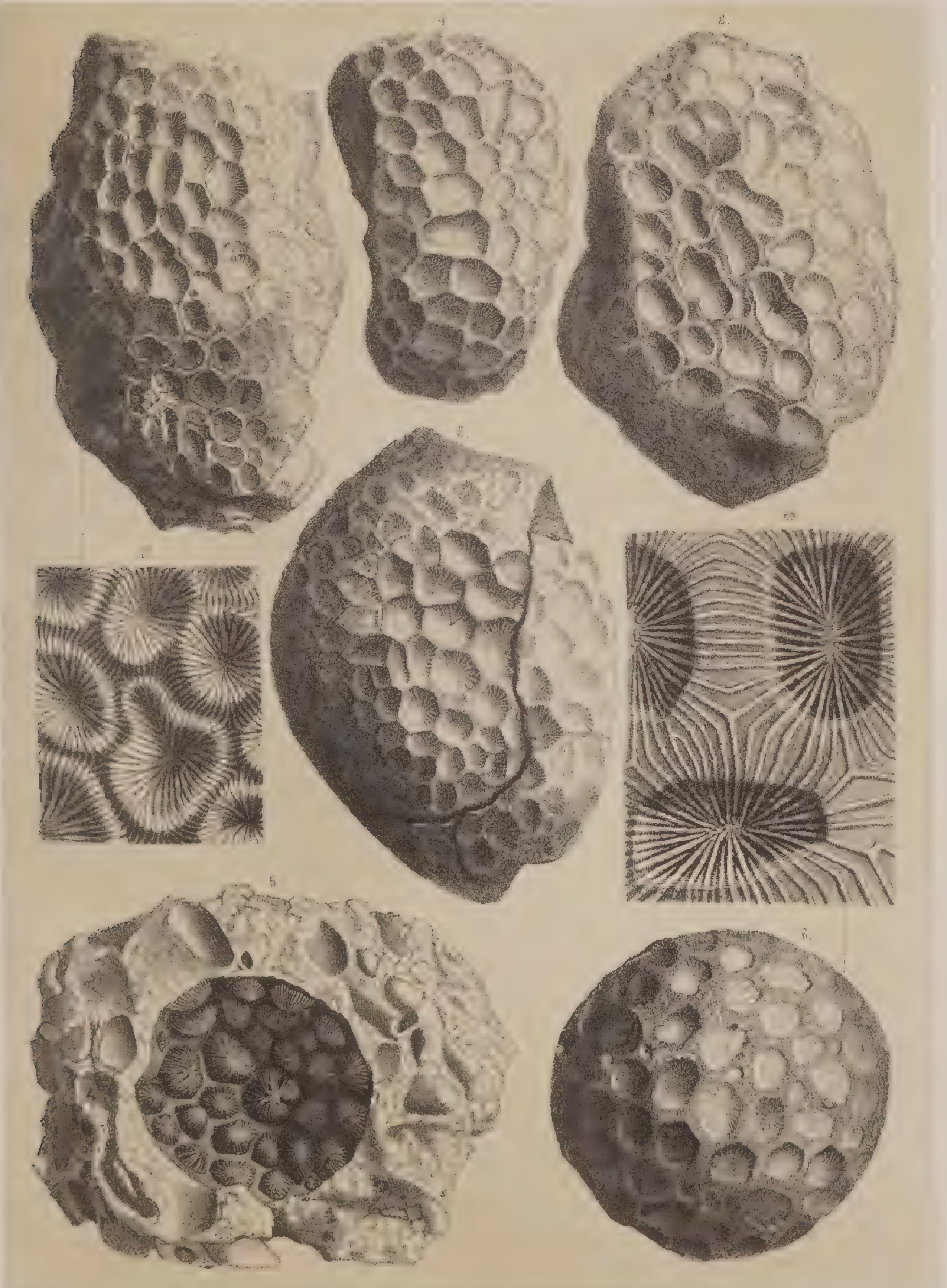


Fig. 1-5. FAVIA Michelini, E. H. Fig. 6. FAVIA striatula, Koby

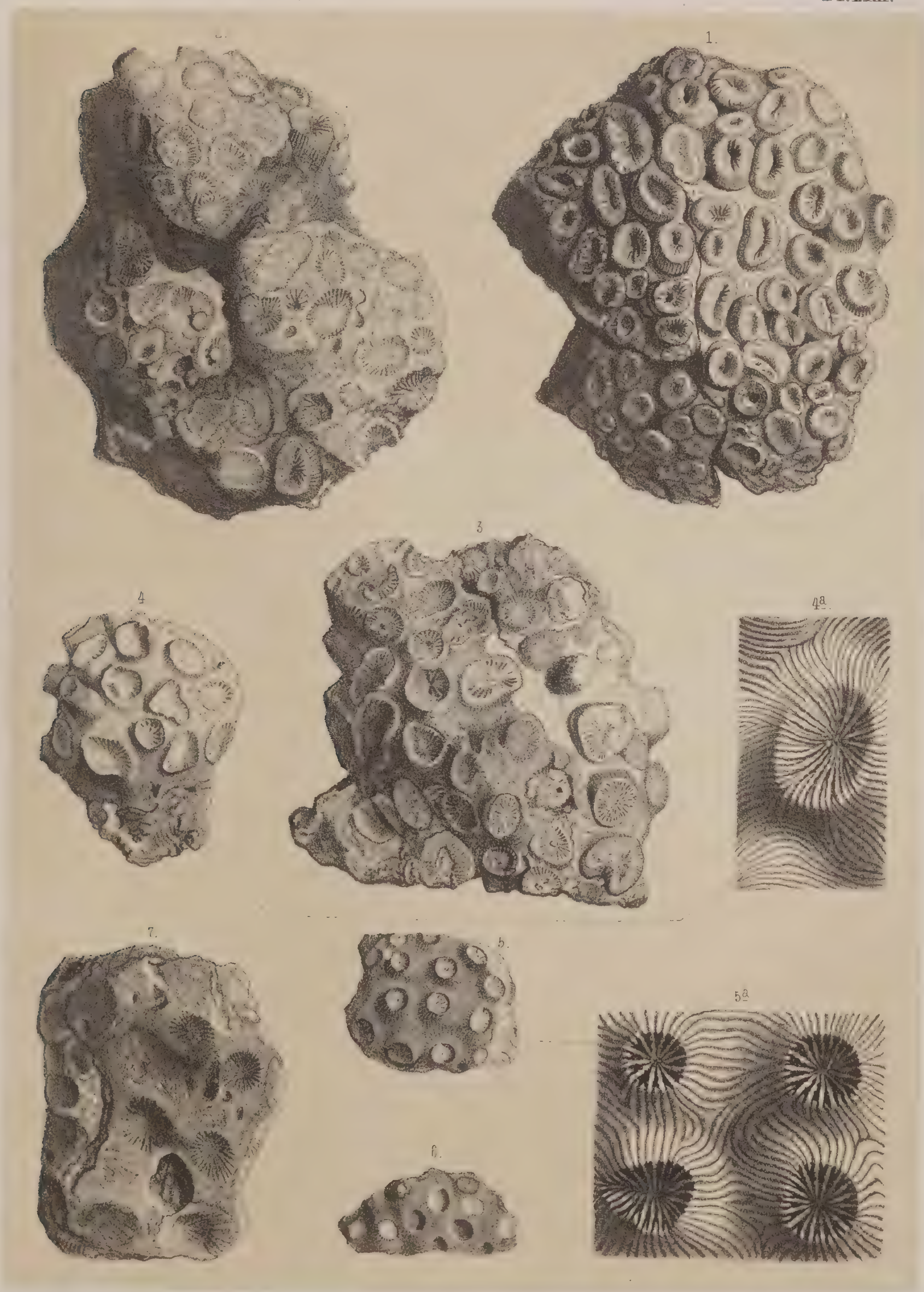


Fig. 1. FAVIA eminens, Koby.
„ 2-4. „ lobata, Koby.
Fig. 5-6. FAVIA ornata, Koby.
„ 7. „ Ritteneri, Koby.

Fig. 1-2. GONIASTREA favulus, Et. Fig. 3. GONIASTREA crassisepta, Koby.
Fig. 4. LATIMÆANDRA minima, Koby.

Fig. 1-9. CHORISASTREA Caquerellensis, Koby. Fig. 10-18: CHORISASTREA crassa, Koby.
Fig. 19-26. CHORISASTREA glomerata, Koby.

v. F. Schlotterbeck

Fig. 1-3, 5, 10. CHORISASTREA Thurmanni, Koby.
„ 11. STIBASTREA Etalloni, Koby
„ 13. CHORISASTREA Fromenteli, Koby.
Fig. 4, 6-9. CHORISASTREA elegans, Koby.
„ 12. „ Delemontana, Koby.
„ 14-15 LATIMÆANDRA Mayeri, Koby.

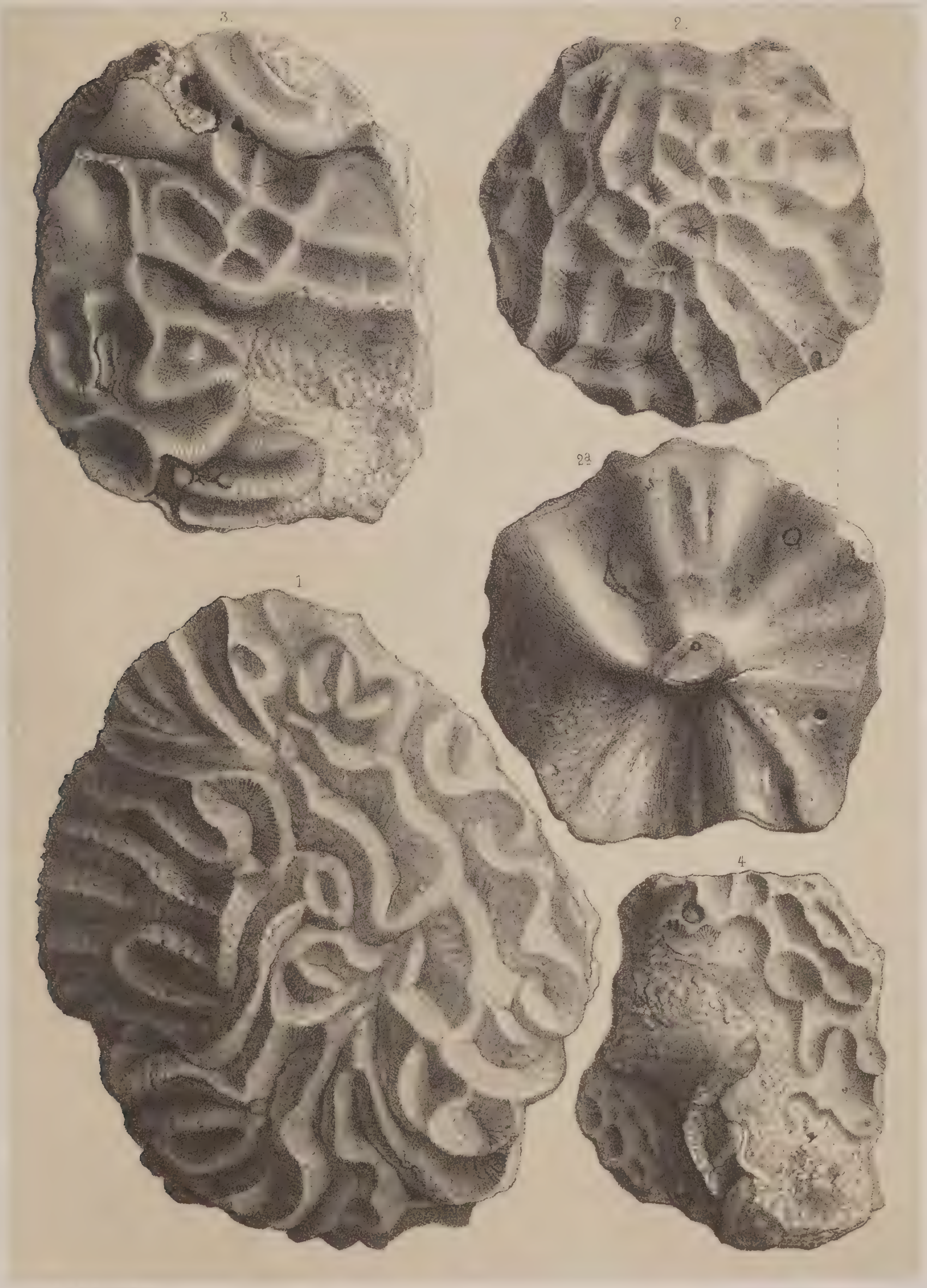


Fig. 1. LATIMÆANDRA Sommeringii, Gdf.
" 2 " corrugata, E. H.
Fig. 3. LATIMÆANDRA Gagnebini, Et.
" 4. " helvetica, Et.

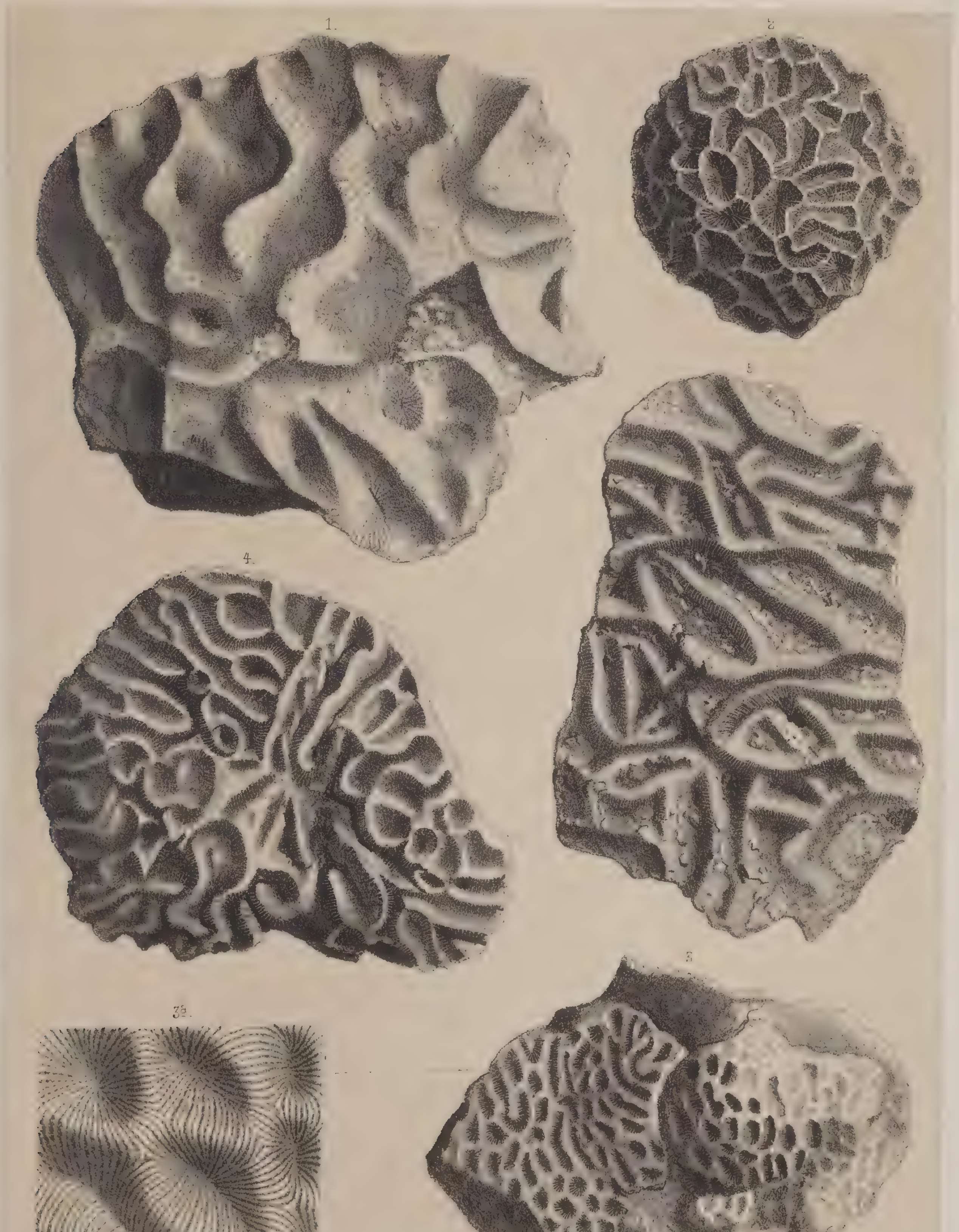


Fig. 1. LATIMÆANDRA corrugata, E.H. Fig. 3. LATIMÆANDRA Valfinensis, Koby.
„ 2. „ contorta, Et. „ 4. „ irregularis, Koby.
Fig. 5. LATIMÆANDRA Gagnebini, Et.

Fig. 1. LATIMÆANDRA brevivallis, Becker. Fig. 2. LATIMÆANDRA Thurmanni, Et.
Fig. 3. LATIMÆANDRA Greppini, Koby.

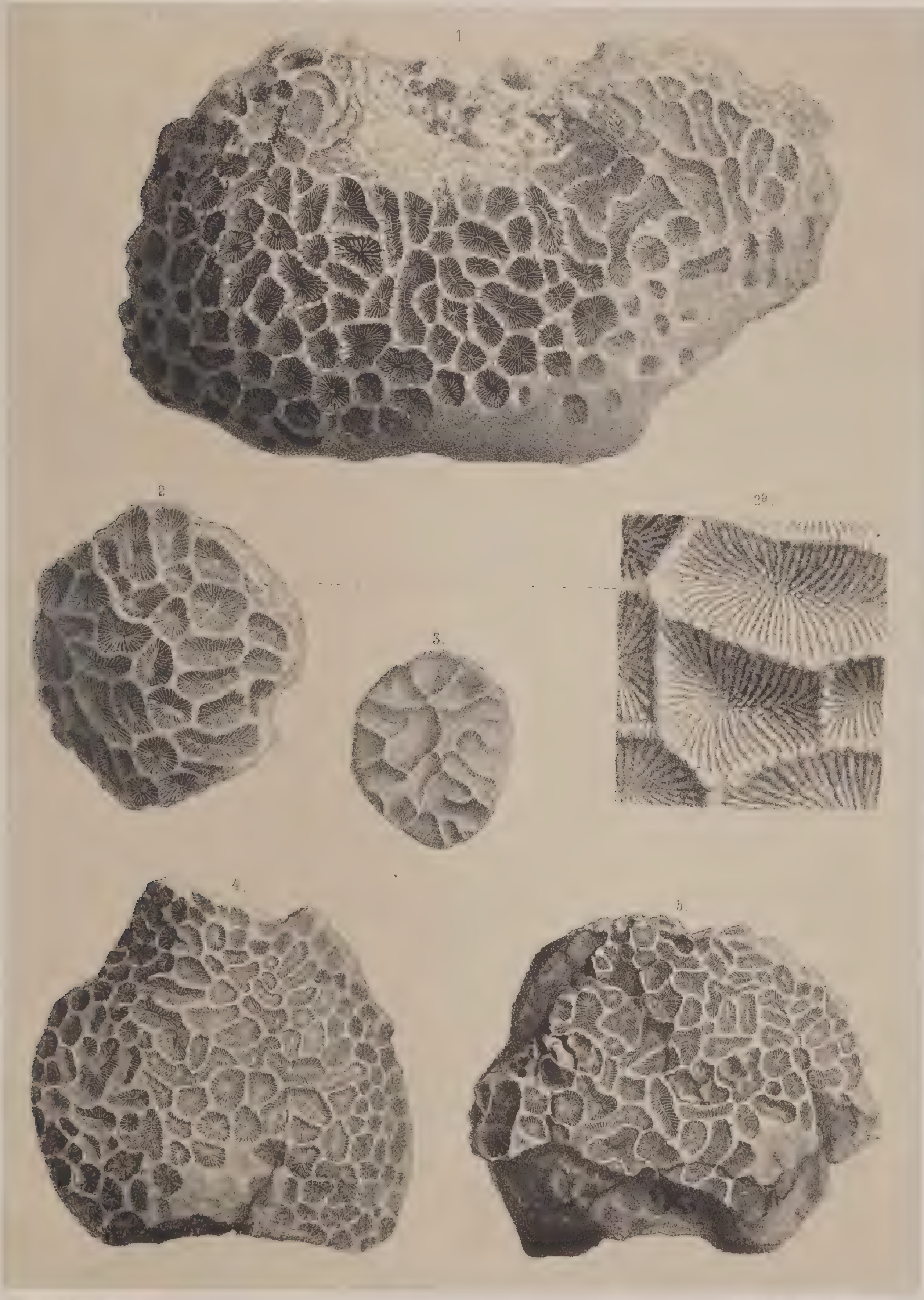


Fig. 1-3. LATIMÆANDRA curtata, Et. Fig. 4-5. LATIMÆANDRA variabilis, Et.

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Fig. 1. LATIMÆANDRA Rastelliniformis, Et. Fig. 3. LATIMÆANDRA undans, Et.
" 2. " Ducreti, Koby. " 4. " brevivallis, Becker.
Fig. 5. LATIMÆANDRA Goldfussi, Koby

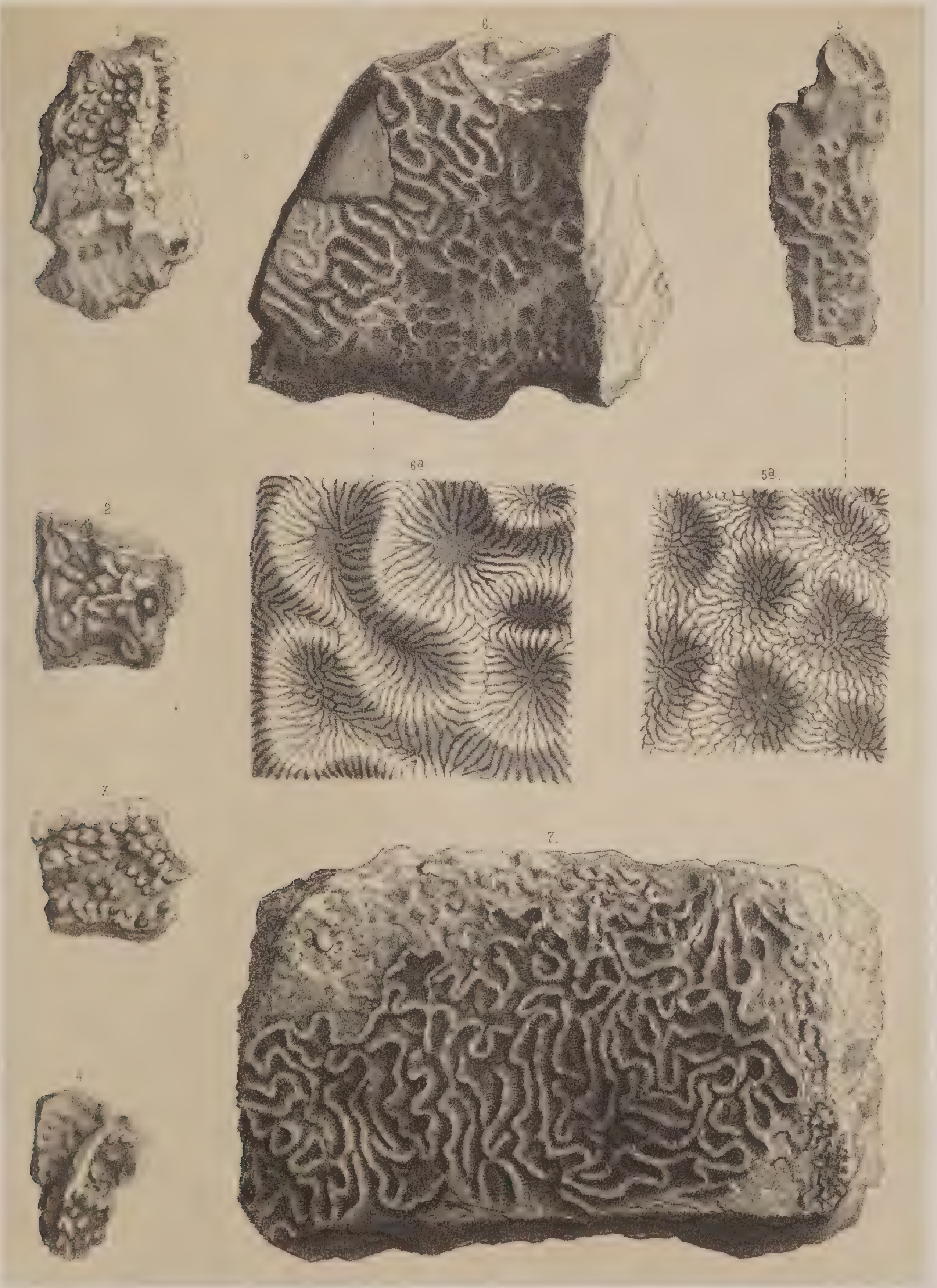

Fig. 1-4. LATIMÆANDRA dumosa, Et. Fig. 5. LATIMÆANDRA Amedei, Et.
Fig. 6 7. LATIMÆANDRA sinuosa, Koby.

Fig. 1-9. LATIMÆANDRA Amedei, Et.

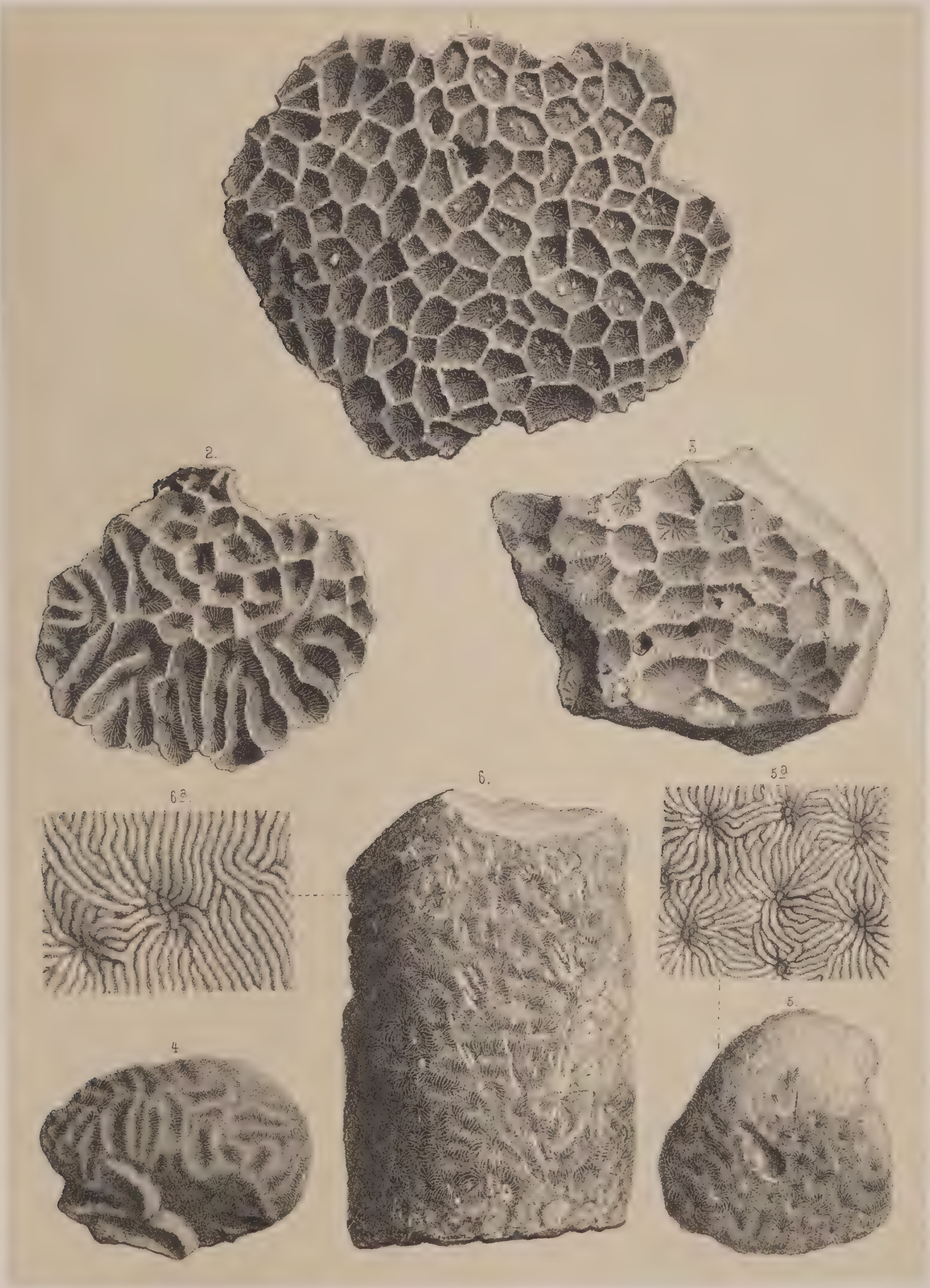

Fig. 1 LATIMÆANDRA Germaini, Koby. Fig. 3. LATIMÆANDRA Heimi, Koby.
„ 2 „ Davidsoni, E.H. 4-5. „ Gresslyi, Koby
Fig. 6. LATIMÆANDRA Lotharinga, Mich.

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Fig. 1-5. LATIMÆANDRA Salinensis, Koby. Fig. 6. LATIMÆANDRA corrugata, E.H.

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Fig. 1. ISASTREA Marcoui, Koby.
„ 2. LATIMÆANDRA Pelissieri, From.
Fig. 3-5. LATIMÆANDRA Renevieri, Koby.
„ 6-9. „ extensa, Koby.

Fig. 1. CONFUSASTREA Burgundiae, Bl. Fig. 2. CONFUSASTREA rustica, Def.
Fig. 3-5. CONFUSASTREA Cottaldina, d'Orb.

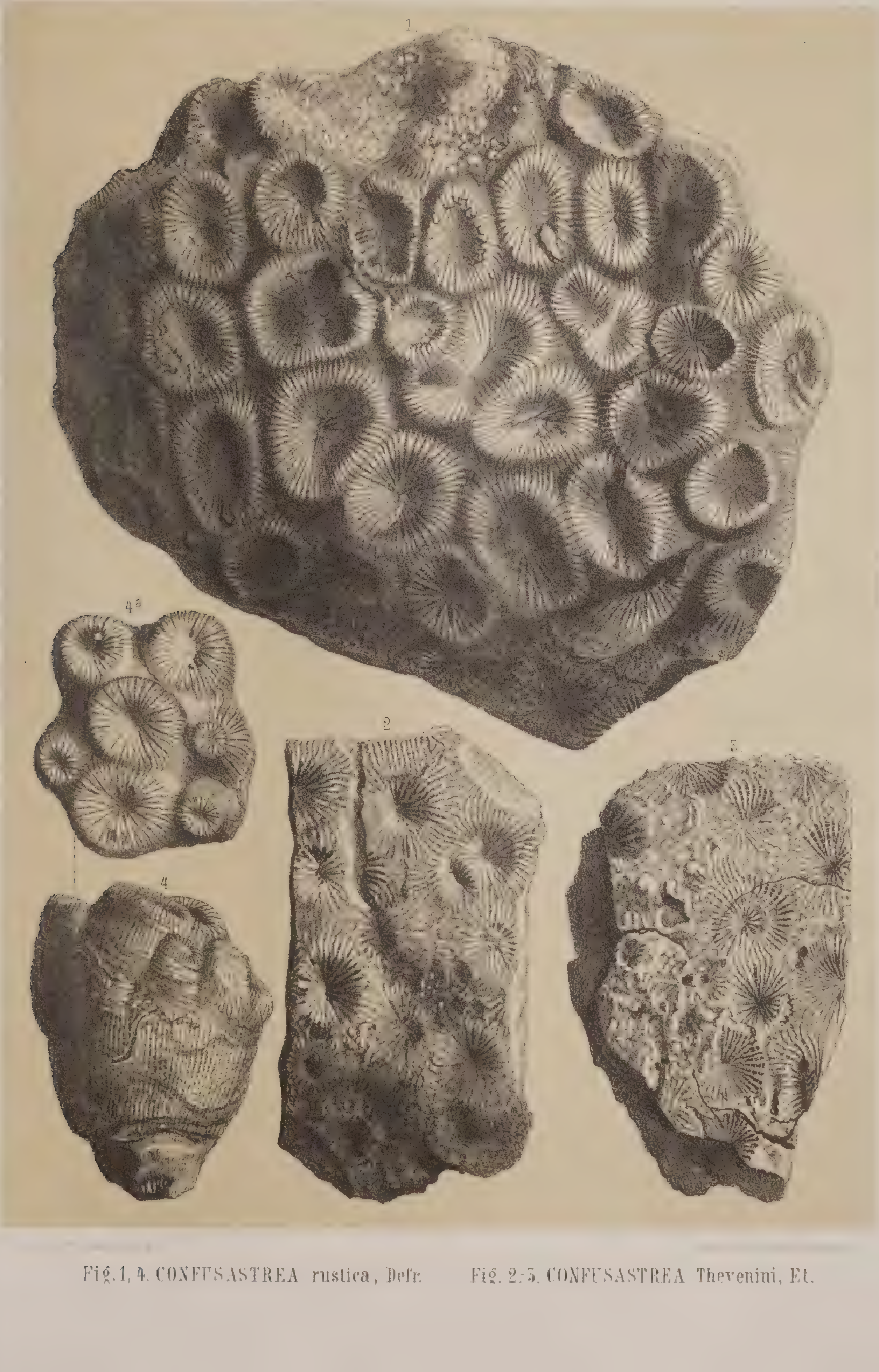

Fig. 1, 4. CONFUSASTREA rustica, Defr. Fig. 2-3. CONFUSASTREA Thevenini, Et.

Fig. 1-2. HELIASTREA Lifolensis, E.H. Fig. 3. HELIASTREA Langi, Koby.
Fig. 4-5. CONFUSASTREA depressa, Koby.

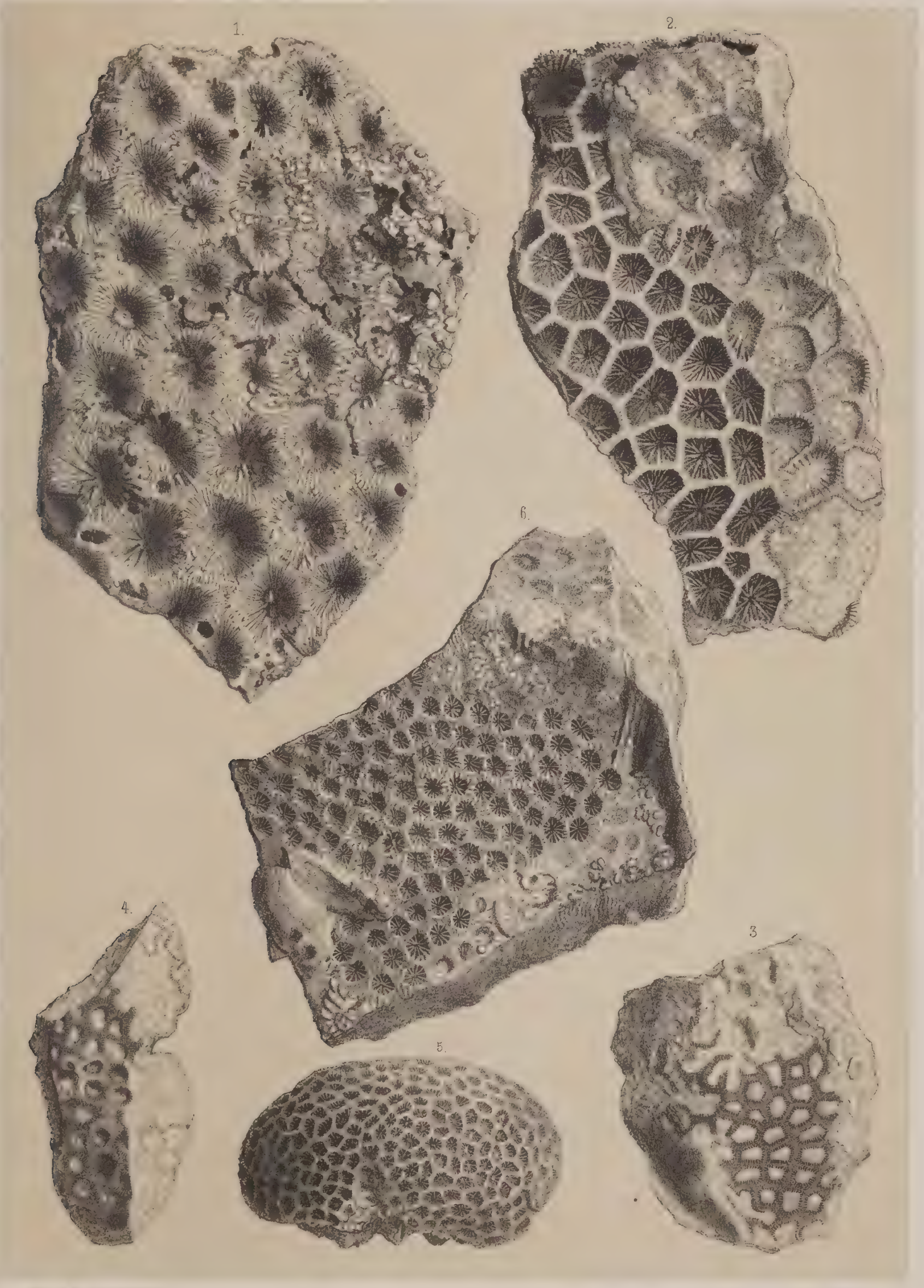

Fig. 1. ISASTREA Thurmanni, Et.
" 2. " Bernardi, d'Orb.
Fig. 3-4. ISASTREA serialis, E.H.
" 5. GONIASTREA Delemontana, Koby.
Fig. 6. GONIASTREA Thiergartensis, Koby.

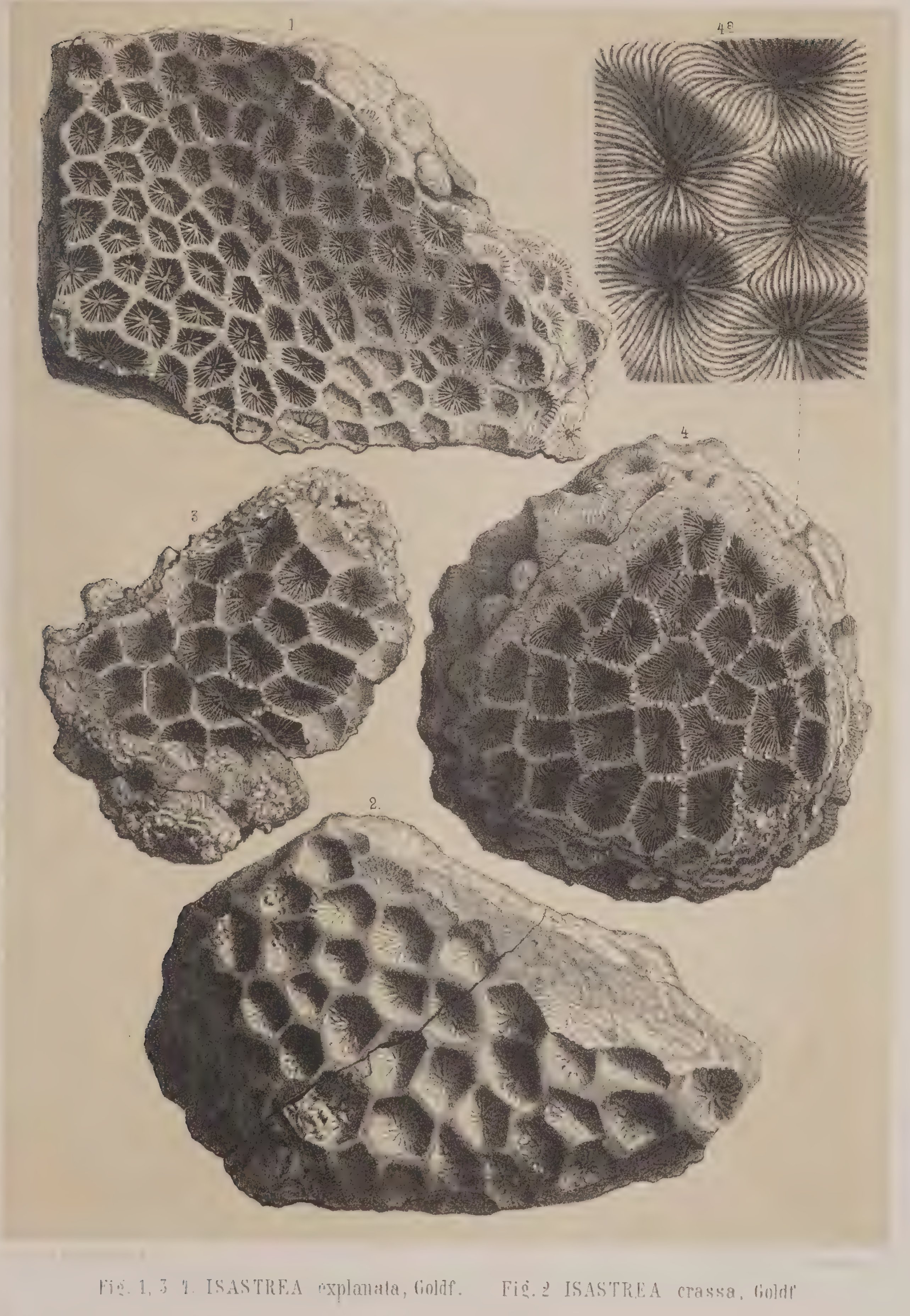

Fig. 1, 3, 4. ISASTREA explanata, Goldf. Fig. 2 ISASTREA crassa, Goldf.

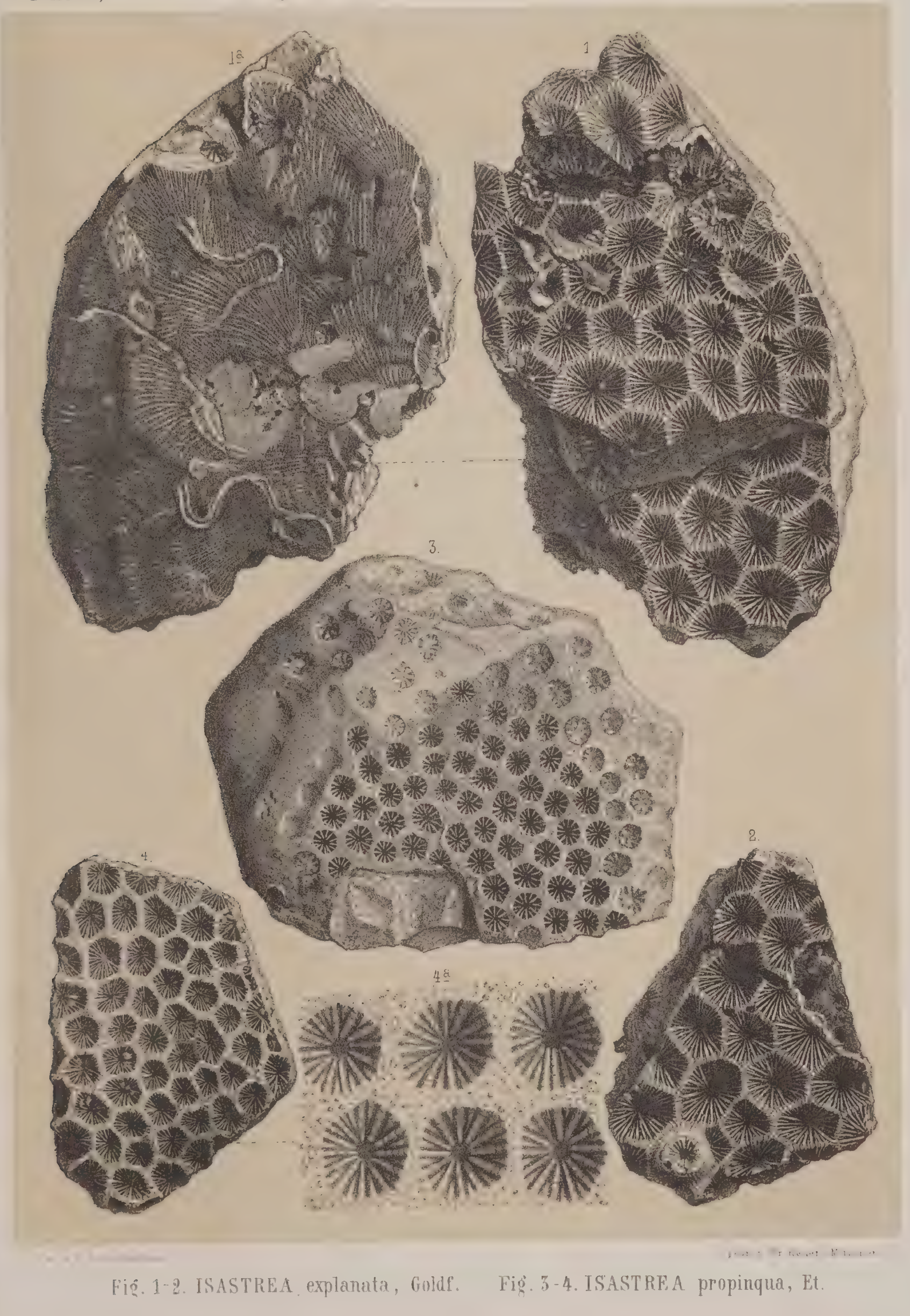

Fig. 1-2. ISASTREA explanata, Goldf. Fig. 3-4. ISASTREA propinqua, Et.

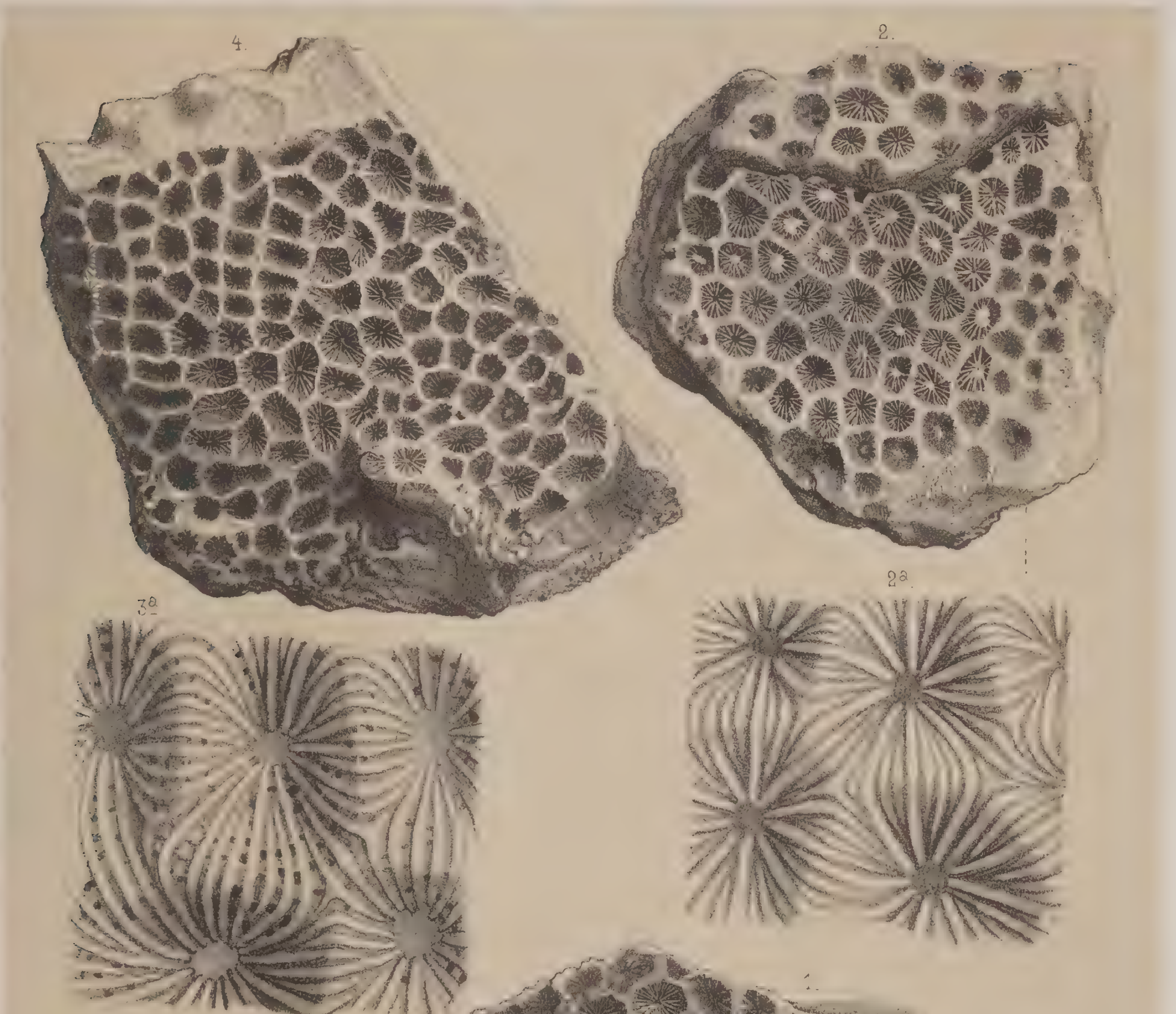

Fig. 1-4. ISASTREA Bernensis, Et.

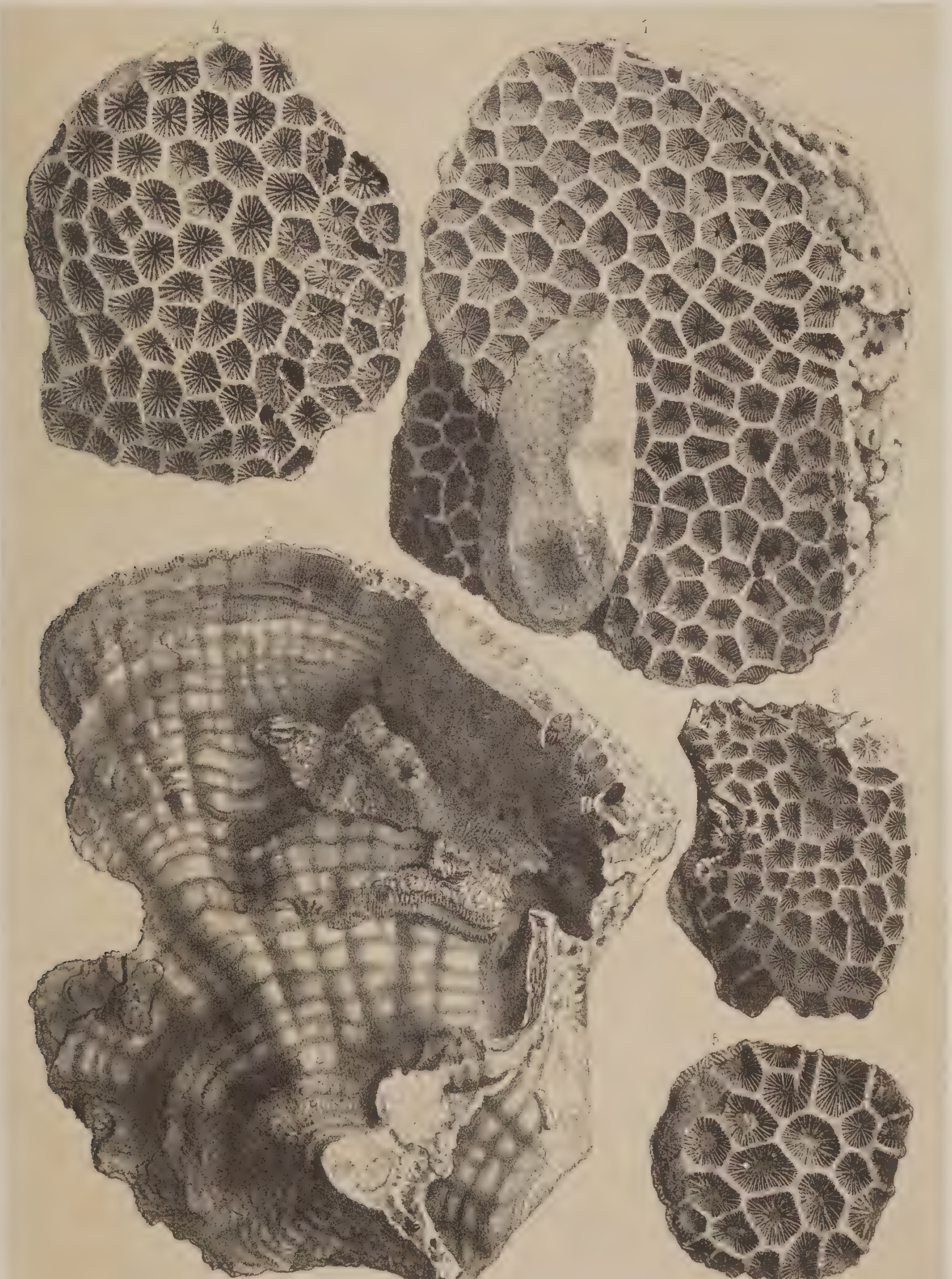

Fig. 1-3. ISASTREA Salinensis, Koby. Fig. 4. ISASTREA Bernardi, d'Orb.
Fig. 5 ISASTREA tenuistriata, E.H.

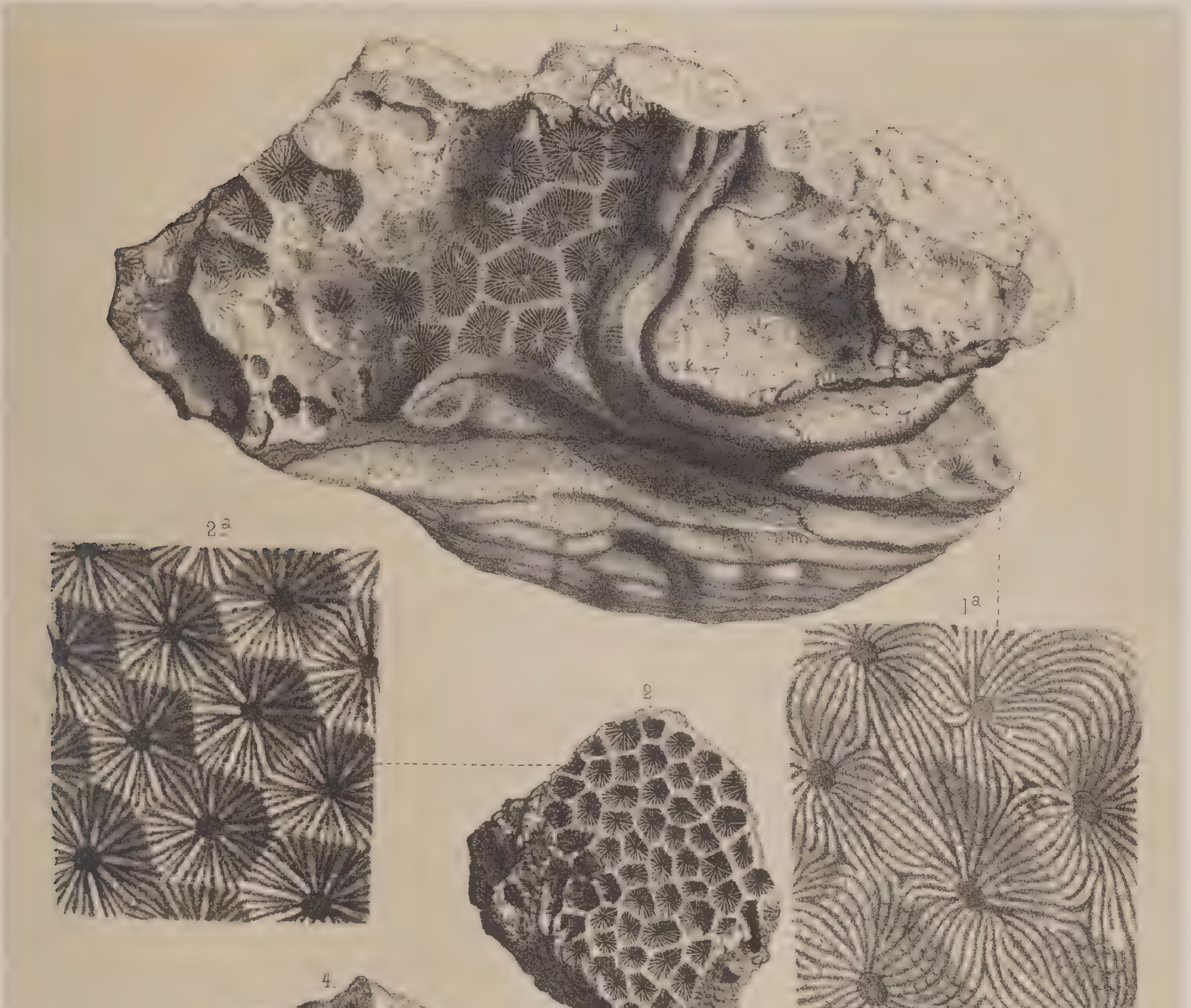

Fig. 1 ISASTREA Greppini, Koby.
„ 2 „ Fromenteli, Koby.
Fig. 3. ISASTREA helianthoides, Gdf.
„ 4. „ Thurmanni, Et.

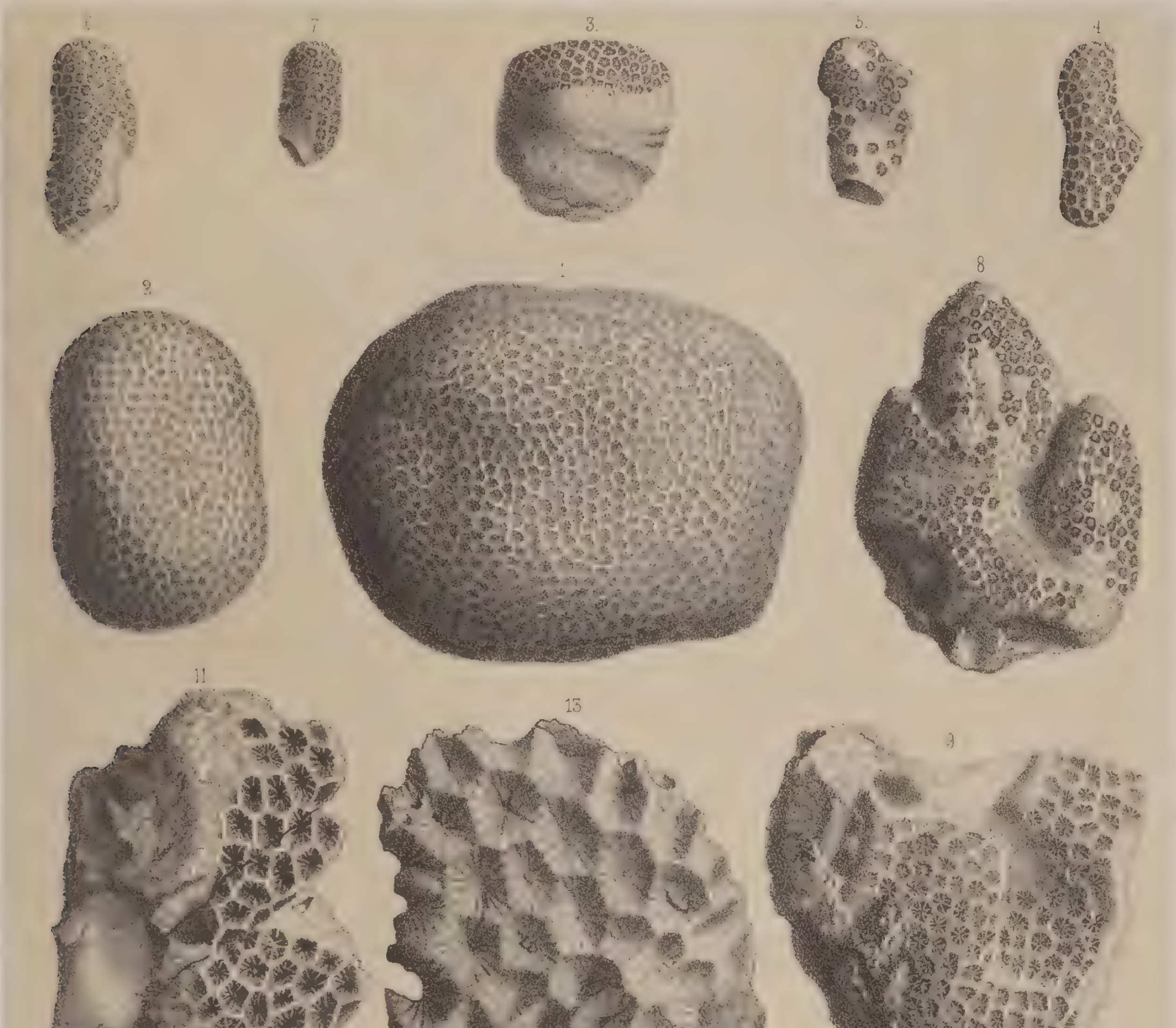

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Fig. 1-3. STEPHANOCOENIA trochiformis, Et.
„ 4-8. „ furcata Et.
„ 9. ISASTREA explanutata, E.H.
Fig. 10. ISASTREA limitata, E.H.
„ 11. „ Richardsoni, E.H.
12-13. „ tenuistriata, E.H.
Fig. 14-16. ISASTREA octogona, Greppin.

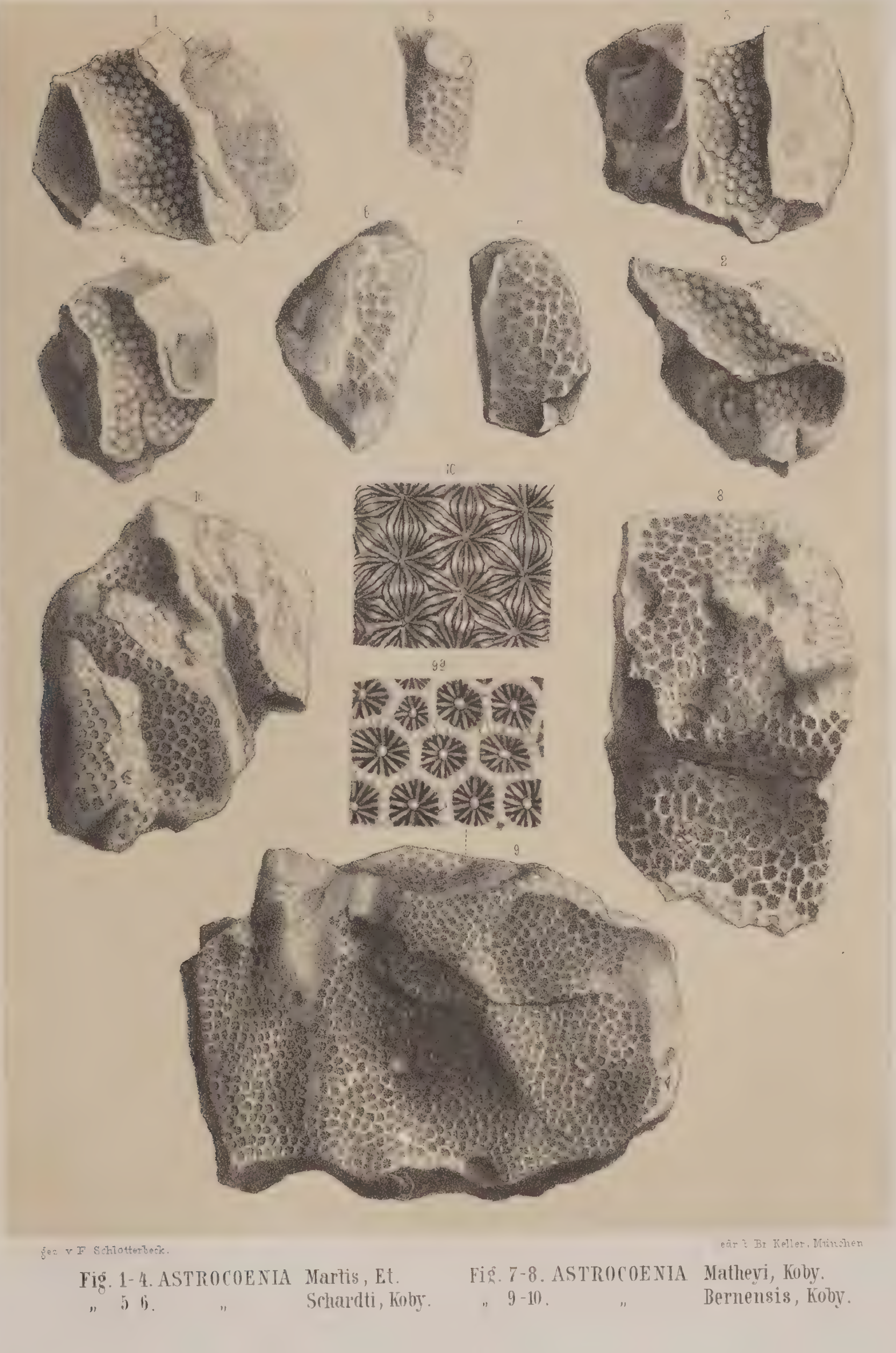

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Fig. 1-4. ASTROCOENIA Martis, Et.
„ 5 6. „ Schardti, Koby.
Fig. 7-8. ASTROCOENIA Matheyi, Koby.
„ 9-10. „ Bernensis, Koby.

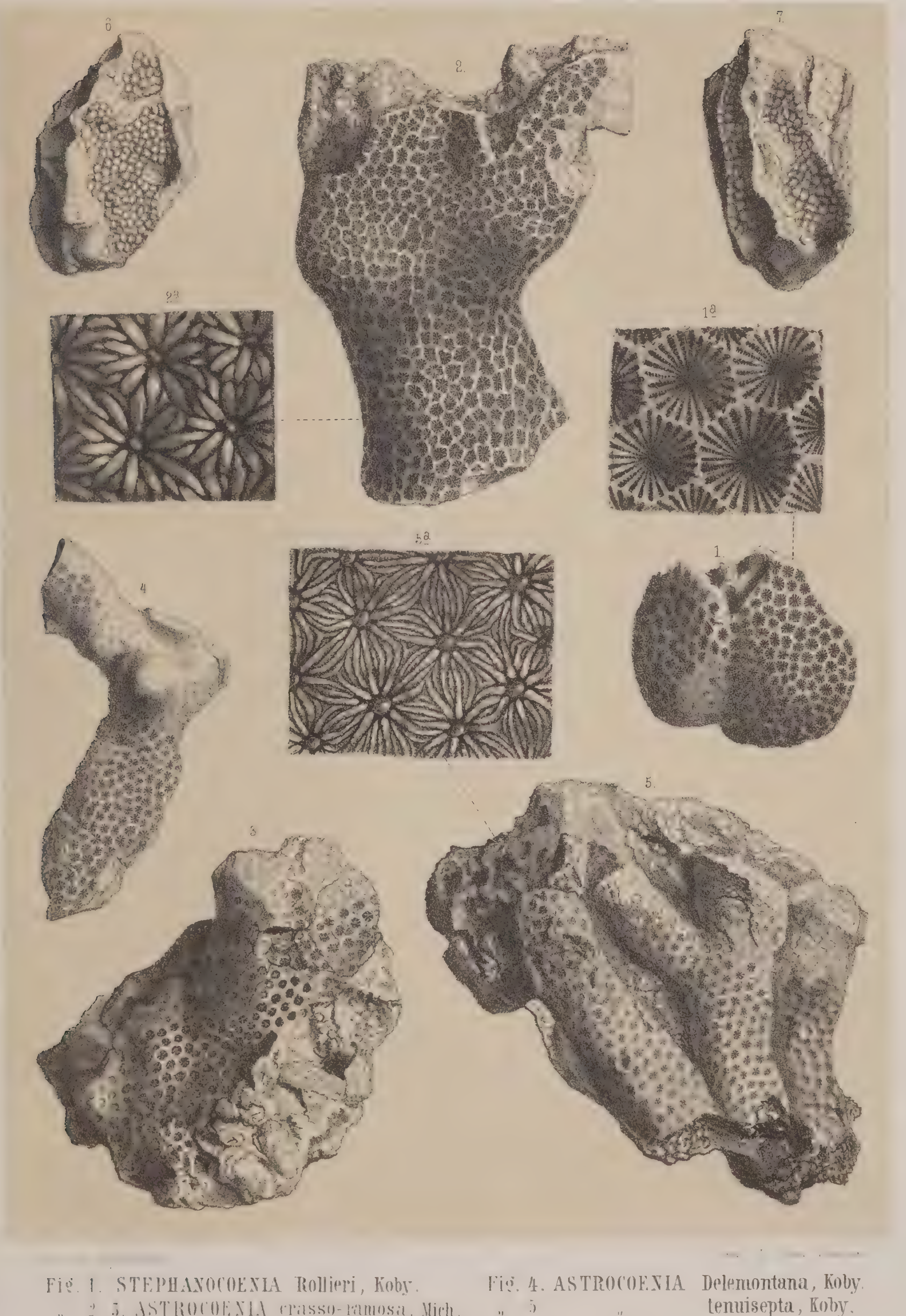

Fig. 1. STEPHANOCOENIA Rollieri, Koby.
„ 2 3. ASTROCOENIA crasso-ramosa, Mich.
Fig. 4. ASTROCOENIA Delemontana, Koby.
„ 5 „ tenuisepta, Koby.
Fig. 6. ASTROCOENIA Thurmanni, Et.

Fig. 1-3. CLAUSASTREA parva, E.H. Fig. 4. CLAUSASTREA dichotoma, Koby
Fig. 5-8. STEPHANOCOENIA ramulifera, Et.

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Fig. 1. ISASTREA tenuisepta, Koby. Fig. 3. STEPHANOCOENIA Rollieri, Koby.
„ 2. ASTROCOENIA dubia, Koby. „ 4. DERMOSERIS nodosa, Koby.
Fig. 5. DERMOSERIS Schardti, Koby.

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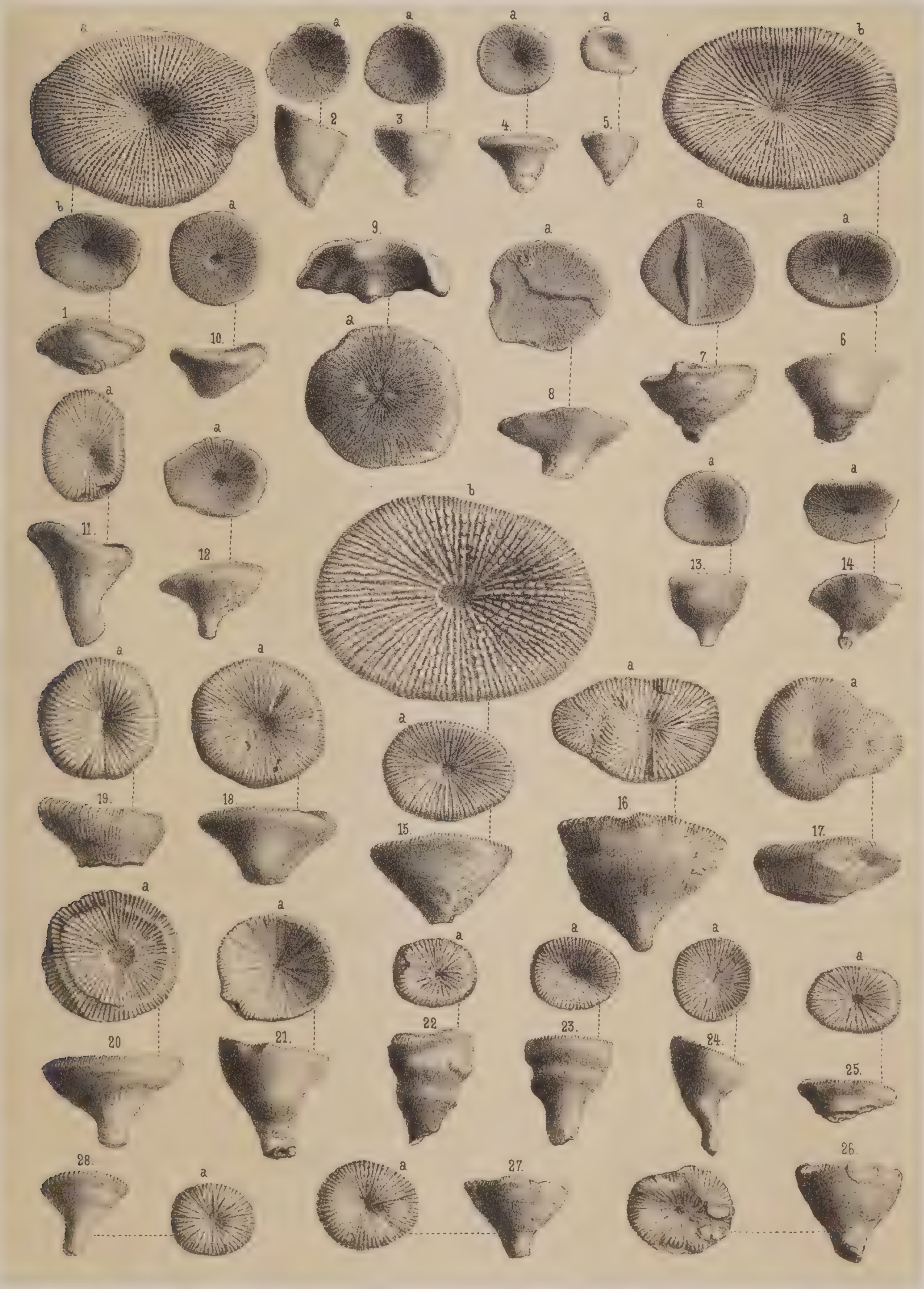
Fig. 1-4. GONIOCORA dubia, Koby.
" 5-9. " magna, Koby.
" 10-16. " socialis, Röm.
" 17-19. " furcata, Koby.
Fig. 20-21. GONIOCORA gracilis, Koby.
" 22-23. " aggregata, Koby.
" 24. " Cartieri, Koby.
" 25. LEPTOPHYLLIA cupulata, Koby.
Fig. 26. LEPTOPHYLLIA oblonga, Koby.



gedr. b. B. Keller, München.

Fig. 1-5. LEPTOPHYLLIA Fromenteli, Et.
„ 6-14. „ intermedia, Koby
„ 15-28. „ Thurmanni, Koby.

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Fig. 1-3. LEPTOPHYLLA Montis, From. Fig. 8-11. LEPTOPHYLLA excelsa, Koby.
„ 4-7. „ conica, Koby. „ 12-13. LEPTOPHYLLIA Ducreti, Koby.
Fig. 14-15. LEPTOPHYLLIA fragilis, Koby.

gez. v. F. Schlotterbeck

gedr. b. B. Keller, München.

Fig. 1-9. LEPTOPHYLLIA costata, Koby.
„ 10-12. „ recta, Koby.
„ 13. „ portlandica, Koby.
„ 14-17. THECOSERIS corallina, Koby.
Fig. 18-20. THECOSERIS cornuta, Koby.
„ 21-24. „ ursicina, Koby.
„ 25-31. „ Matheyi, Koby.
„ 32. LITHOSERIS gracilis, Koby.
Fig. 33. LITHOSERIS compressa, Koby.

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Fig. 1-3. THECOSERIS plicata, Koby. Fig. 14-24. THECOSERIS Lorioli, Koby.
„ 4-13. „ Schardti, Koby. „ 25-31. LEPTOPHYLLIA moneta, Koby.
Fig. 32. DERMOSERIS irregularis, Thurm.

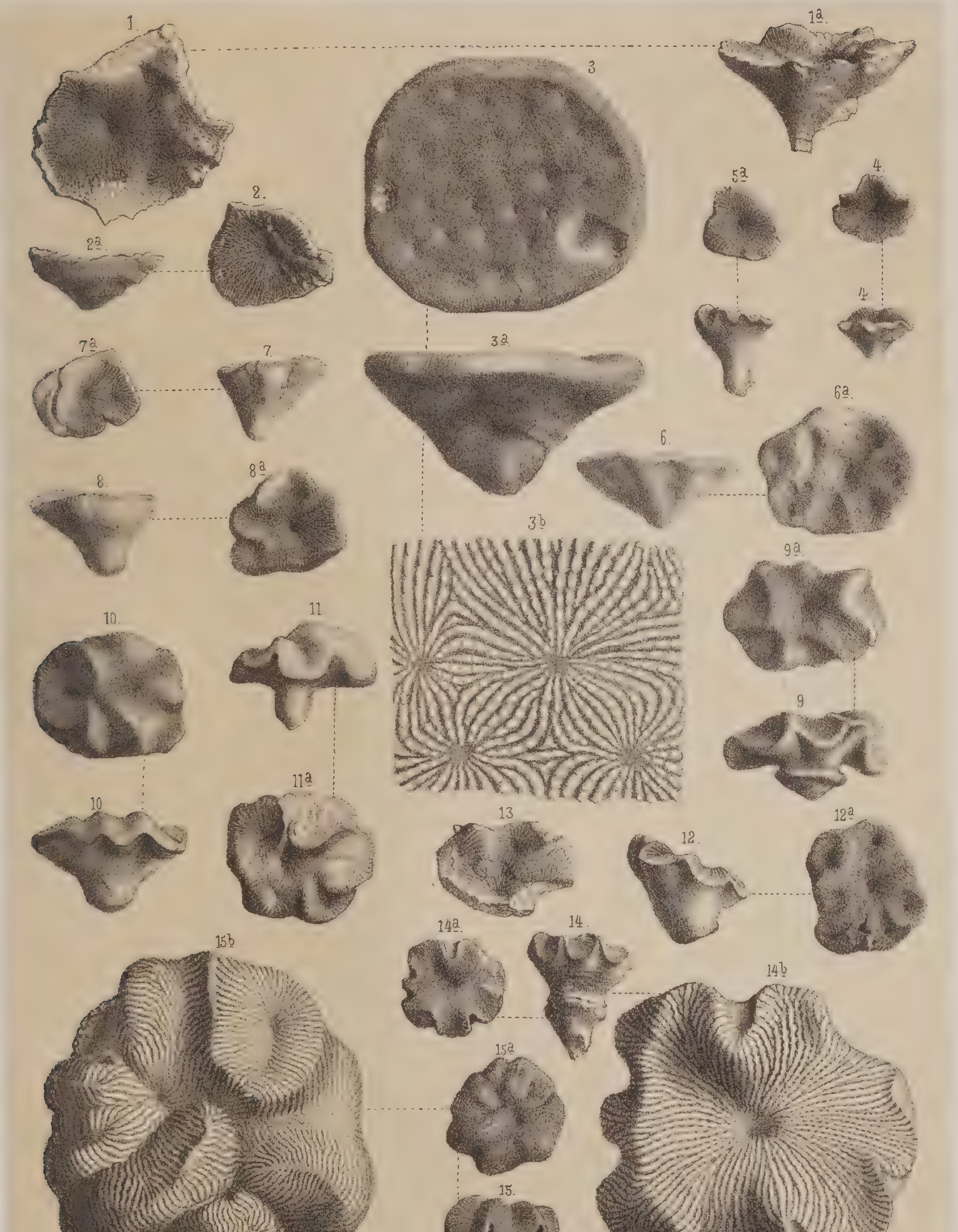

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Fig. 1-2. DIMORPHASTREA vasiformis, Koby.
„ 3. „ conica, Koby.
„ 4. „ variabilis, Koby.

gez. v. F. Schlotterb...
gedr. b. B. Keller, Münch...

Fig. 1. DIMORPHASTREA multisepta, Koby.
„ 2-3. PROTOSERIS plicata, Koby.
Fig. 4-5. PROTOSERIS Gresslyi, Koby.
„ 6. „ Jaccardi, Koby.
Fig. 7. THAMNASTREA oculata, Koby.

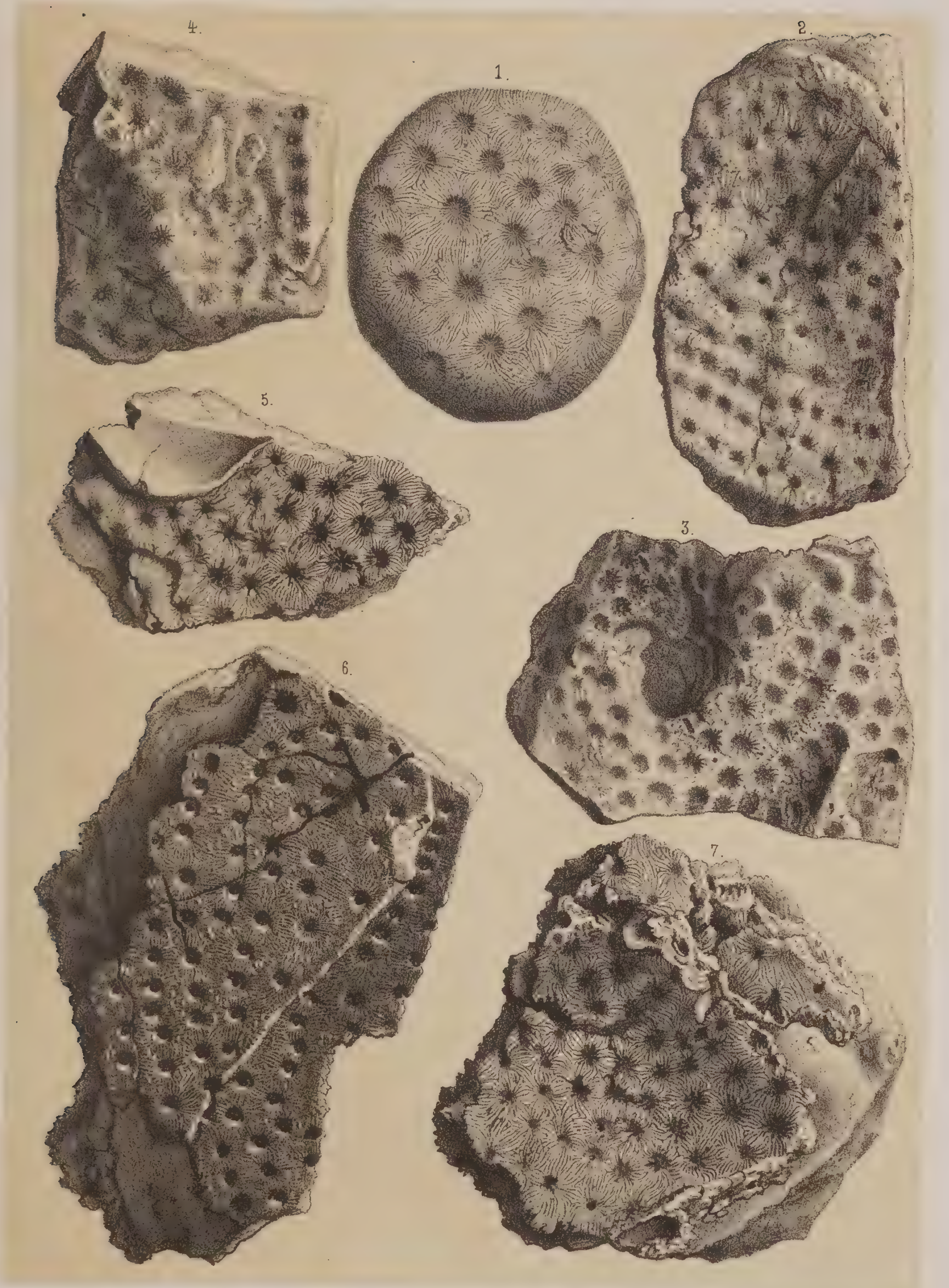

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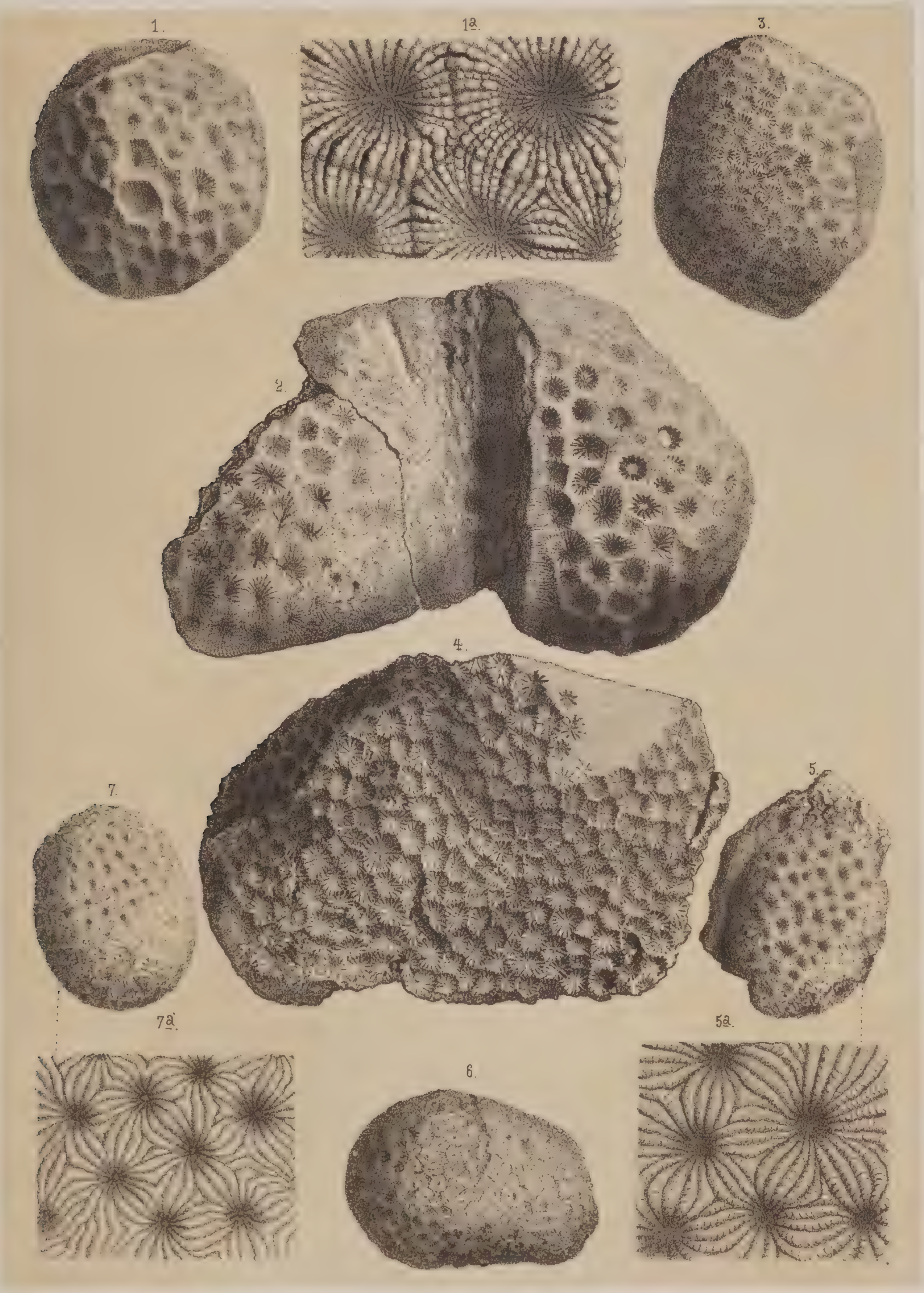
Fig. 1. THAMNASTREA Mayeri, Koby.
„ 2-4. „ Moeschi, Koby.
„ 5-7. „ arachnoïdes, Park.



F. Keller München.

Fig. 1-2. THAMNASTREA Bonanomii, Koby.
" 3 5. " Lomontiana, Et.
" 6 7. " Coquandi, Et.

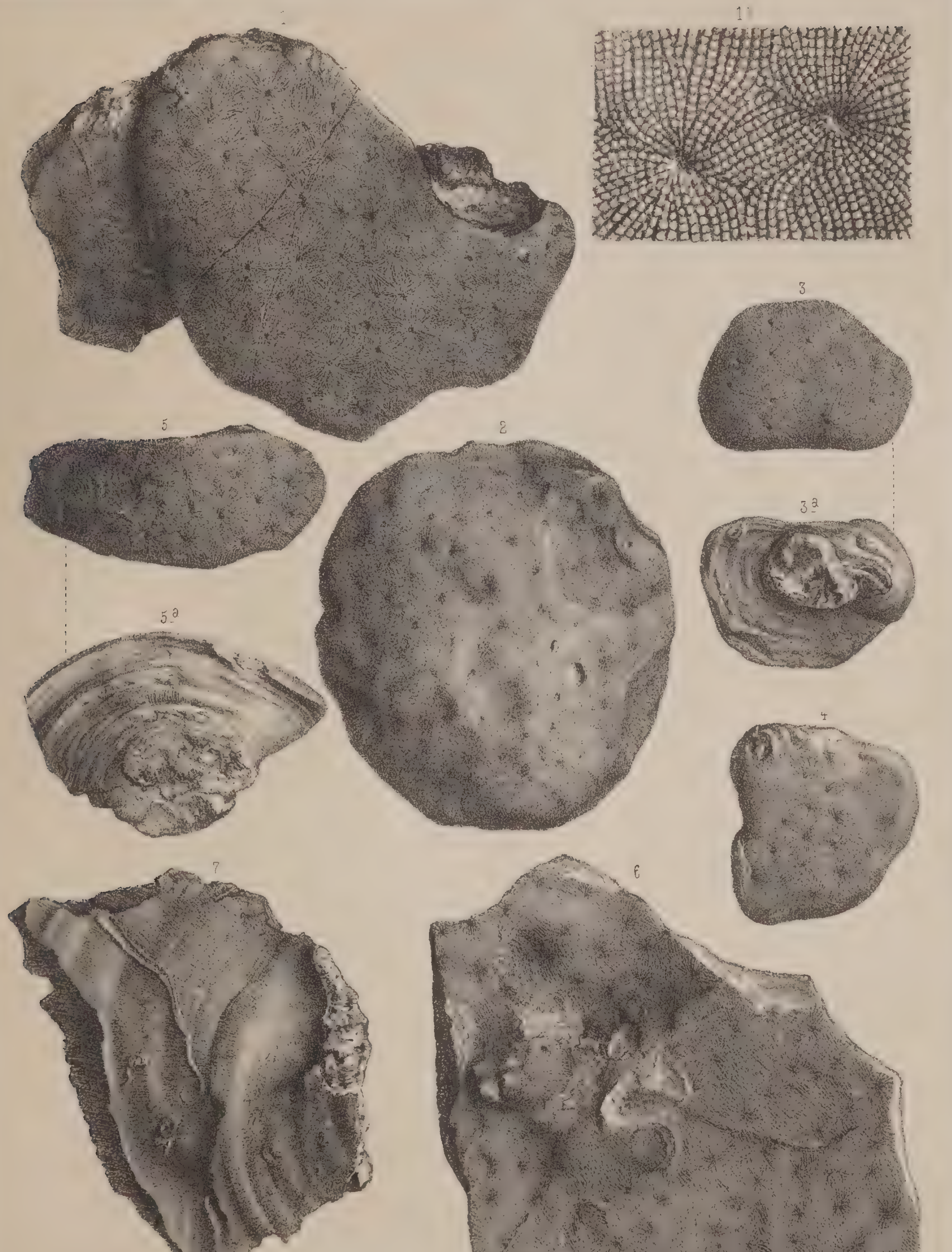


Fig. 1-3. MICROSOLENA Fromenteli, Koby Fig. 4-5 MICROSOLENA Hainei, Koby.
Fig. 6-7 THAMNASTREA arachnoides, Park.

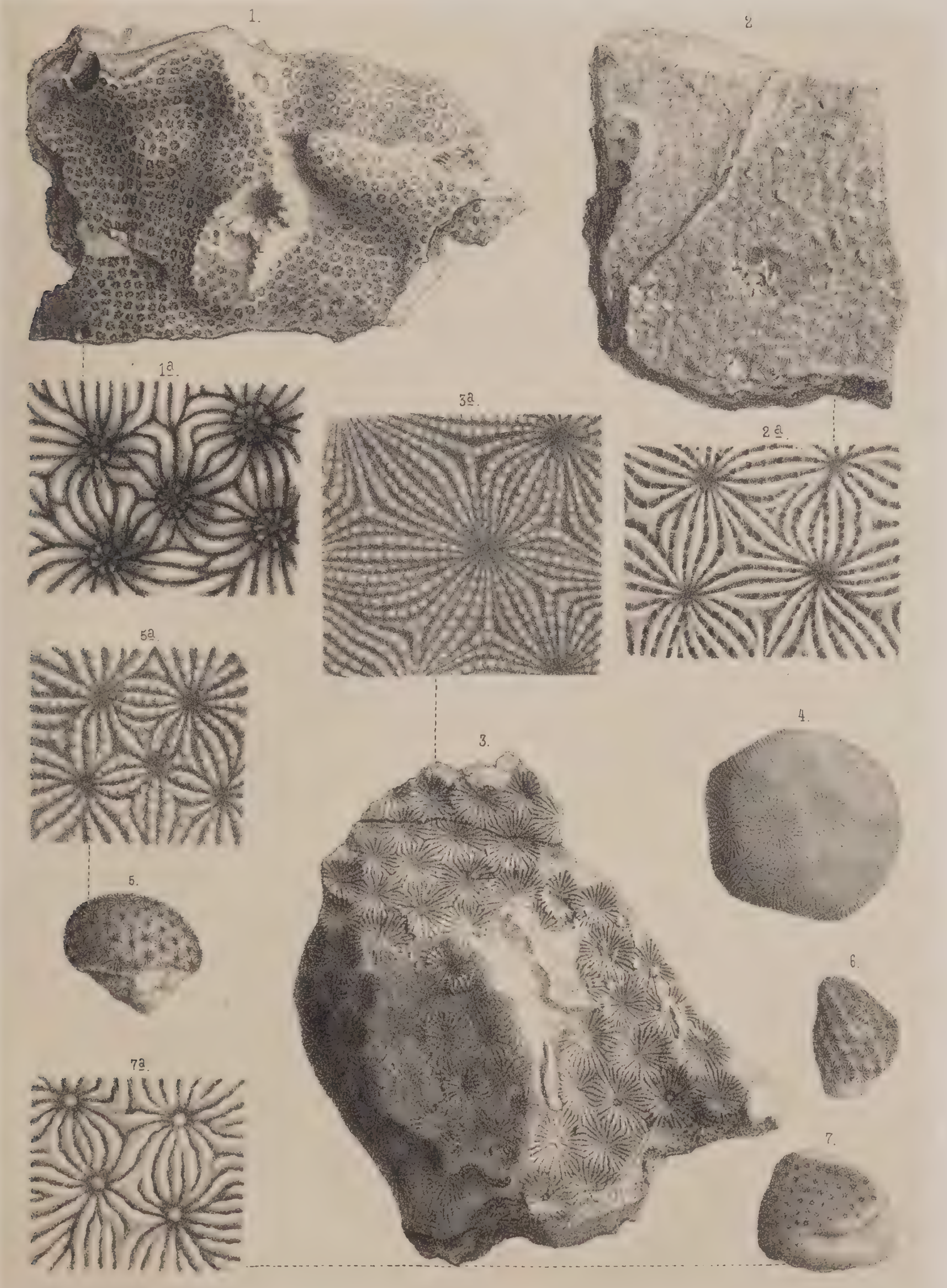


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Fig. 1. STEPHANOCOENIA Greppini, K.
„ 2. THAMNASTREA Lomontiana, Et.
„ 3. „ Gillieroni, K.
Fig. 4. THAMNASTREA Genevensis, E.H.
„ 5-6. „ Bourgeati, K.
„ 7. „ minima, Et.

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Fig. 1-2. LEPTOPHYLLIA corniculata, K.
„ 3-10. ANABACIA orbulites, E. H.
„ 11-15 „ Bouchardi, E. H.
Fig. 16. DERMOSERIS caespitosa, K.
„ 17. THAMNOSERIS Frotei, Et.
„ 18. „ Blauensis. K.

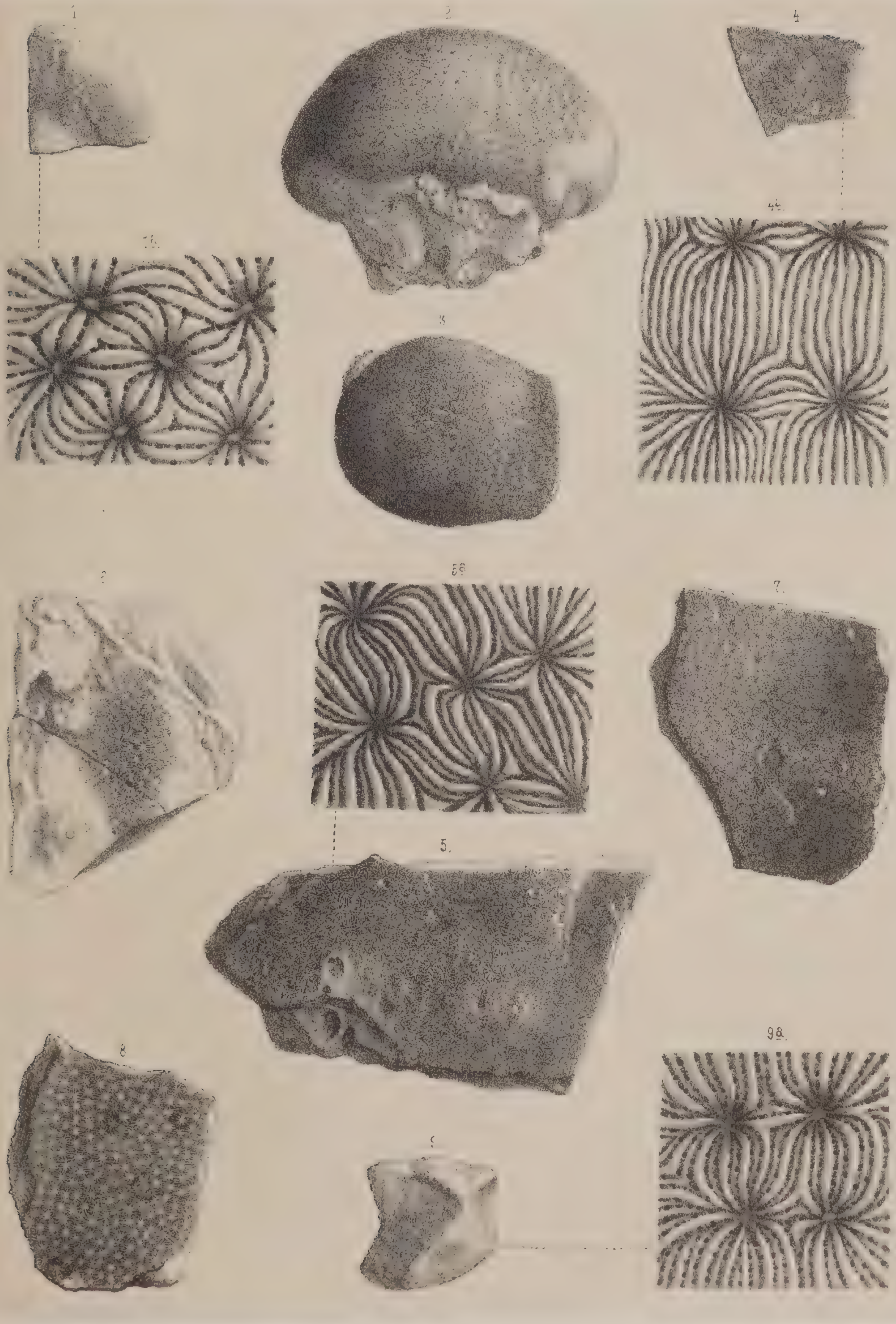

Fig. 1-3. THAMNASTREA gracilis, Gdf. Fig. 4-8. THAMNASTREA concinna, E.H.
Fig. 9. THAMNASTREA Jaccardi, K.

Fig. 1. THAMNASTREA Nicoleti, K.
„ 2. „ Renevieri, K.
„ 3. „ Valfinensis, K.
Fig. 4. THAMNASTREA Mettensis, E.H.
„ 5-6. „ calloviensis, K.
„ 7 „ Delemontana, K.
Fig. 8. THAMNASTREA pusilla, K.

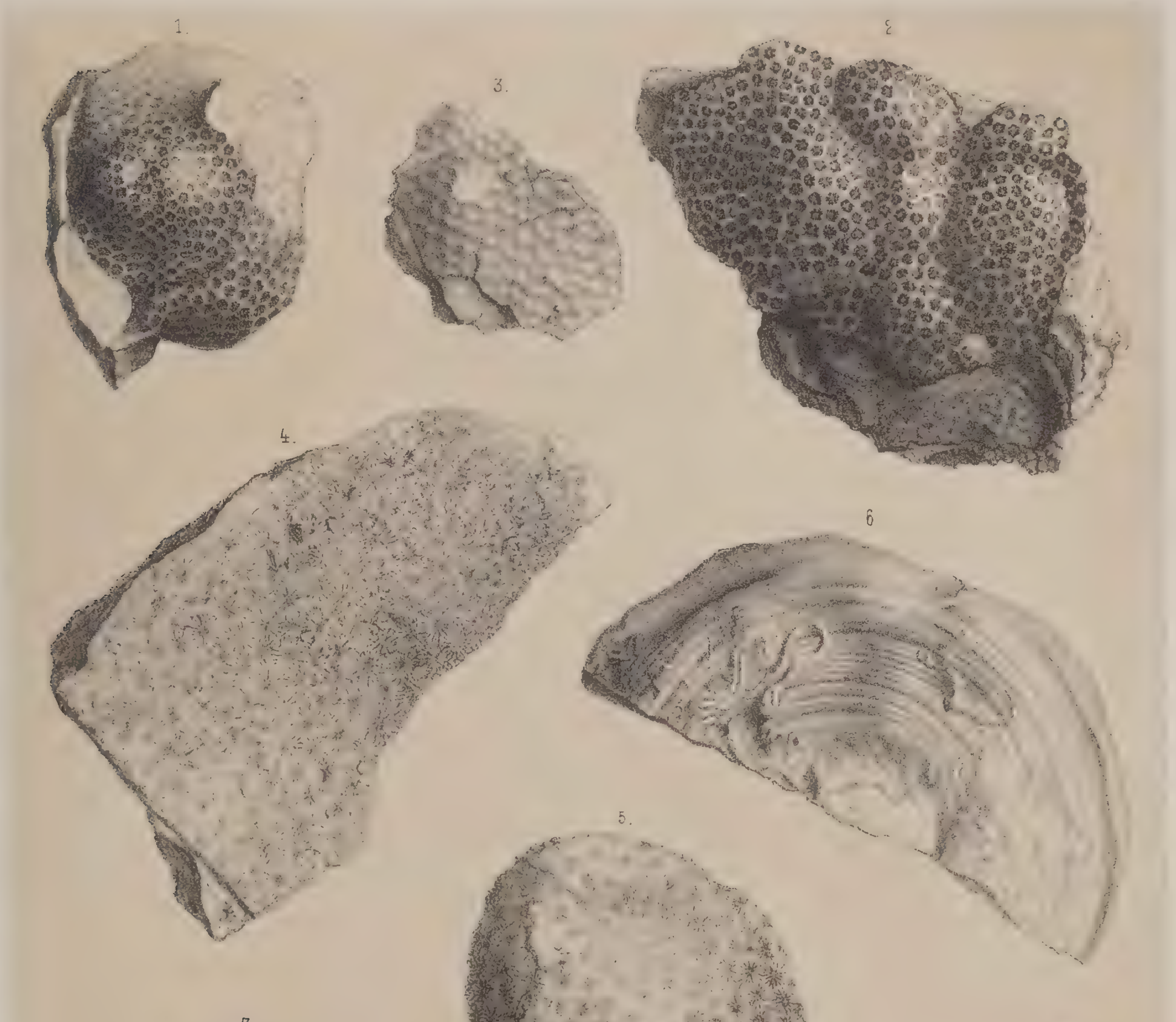

Fig. 1-2 THAMNASTREA mammosa, E.H. Fig. 4-6. THAMNASTREA Terquemi, E.H.
„ 3 „ scita, E.H. „ 7. „ Salinensis, K.
Fig. 8. THAMNASTREA Marcoui, K.

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Fig. 1-3. THAMNASTREA dendroidea, Bl.
„ 4-6. „ Loryi, E. H.
Fig. 7-8. THAMNASTREA Schardti, K.
„ 9. „ collinaria, K.

Fig. 1. MICROSOLENA Edwardsi, Koby.
„ 2. „ Caesaris, Et.
Fig. 3. MICROSOLENA Julii, Et.
„ 4-5. „ Thurmanni, Koby

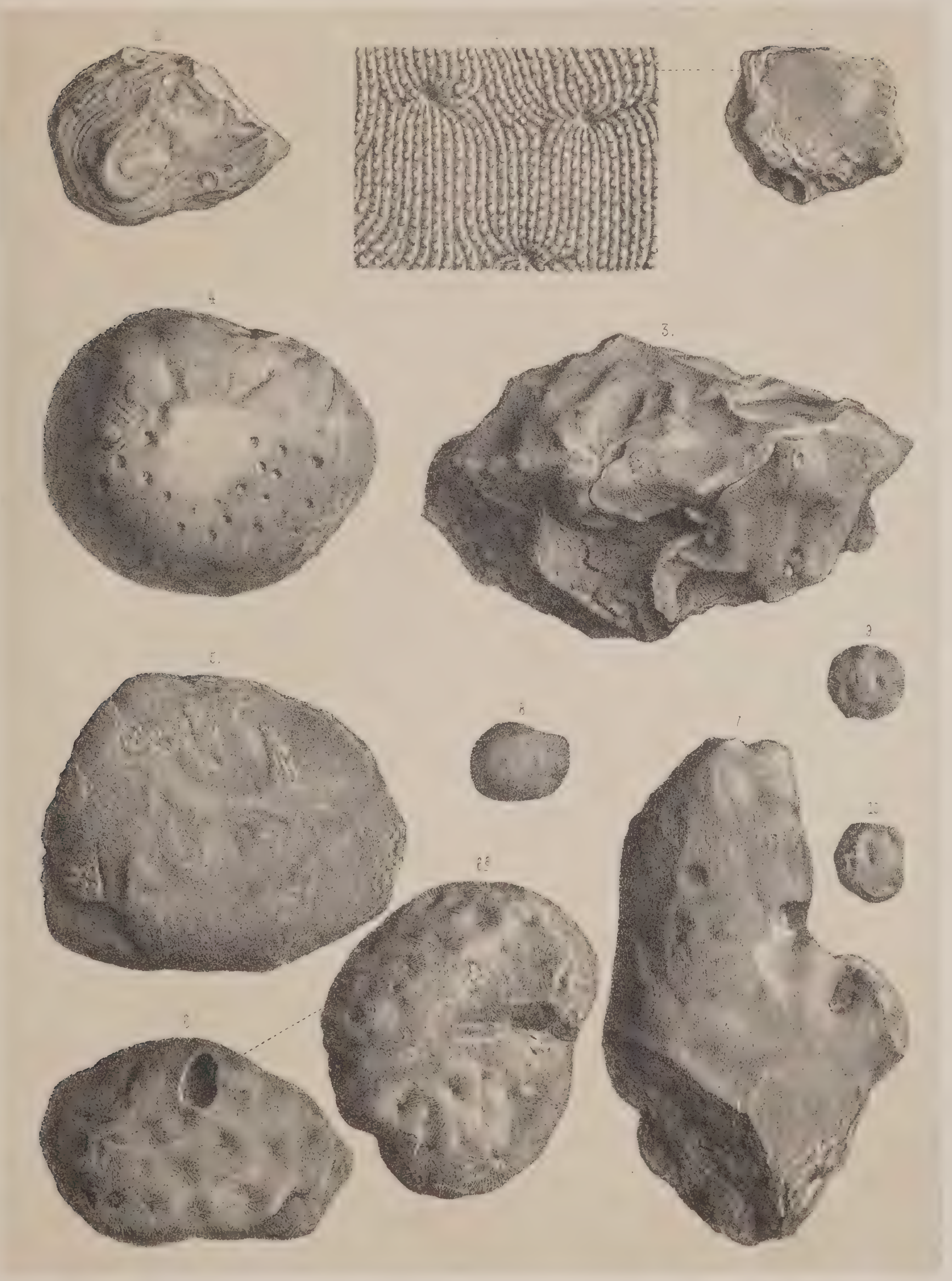

Fig. 1-2. MICROSOLENA	ornata, Koby.	Fig. 5. MICROSOLENA	dubia, Koby.
„ 3. „	sinuata, Et.	„ 6. 7. „	Studeri, Koby.
„ 4. „	Bruntrutana, Et.	„ 8. 10. „	votula, Koby.

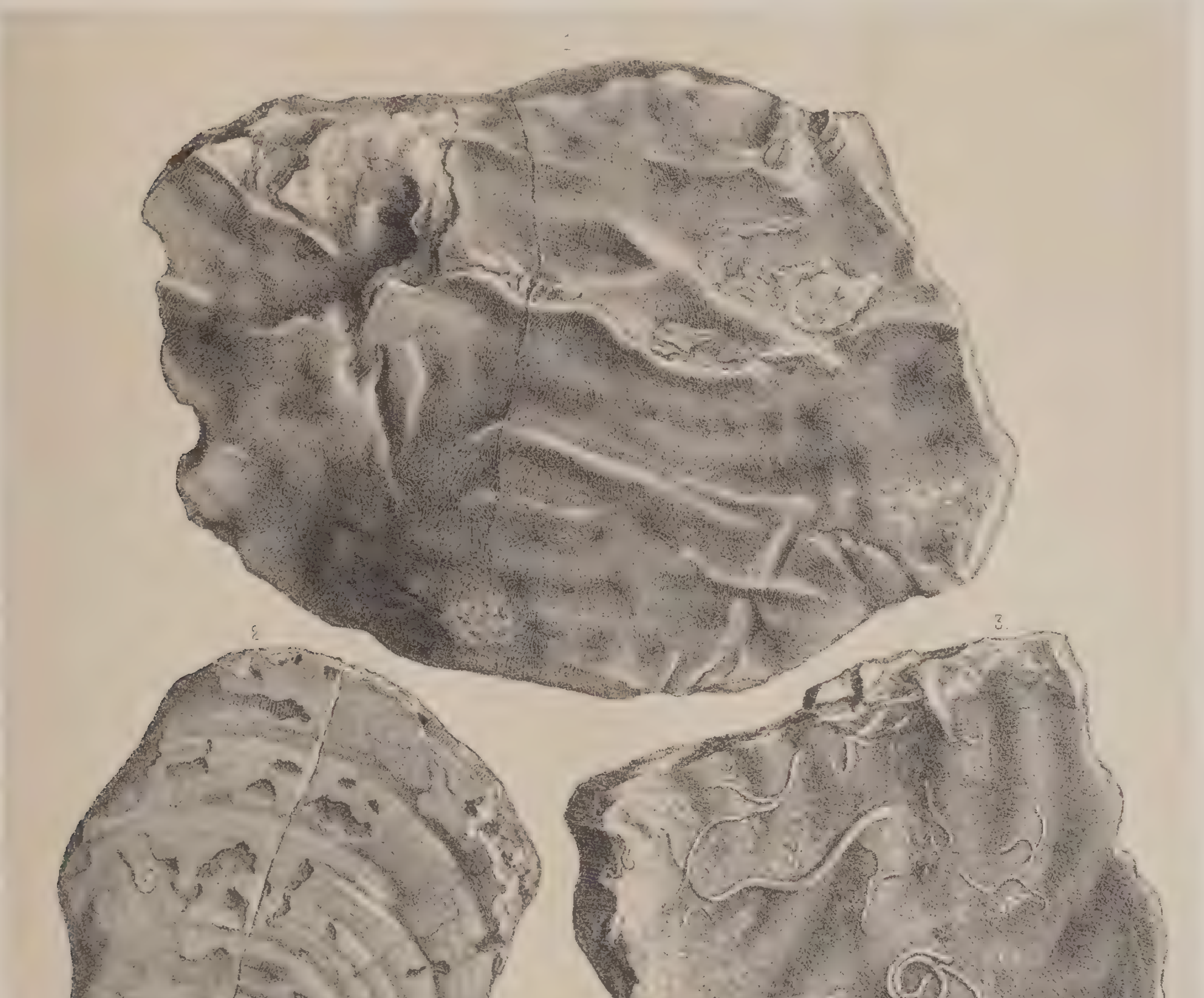

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Fig. 1-5. DIMORPHAREA Koechlini, E.H. Fig. 6-7. THAMNASTREA Choffati, Koby.

A. Birkmaier, lith. Br. Keller

Fig. 1-3. MEANDRAREA Gresslyi, Et. Fig. 5. MEANDRAREA Greppini, Koby.
" 4. " tuberosa, Et. " 6. MICROSOLENA Jaccardi, Koby.
Fig. 7. MICROSOLENA Desori, Koby.

A. Birkmaier

Fig. 1. MICROSOLENA cavernosa, Koby. Fig. 7. THAMNAREA arborescens, Et.
„ 2-6. THAMNAREA digitalis, Et. „ 8. „ ? granulosa, Koby.
Fig. 9-10. THAMNAREA? bacillaris, Koby.

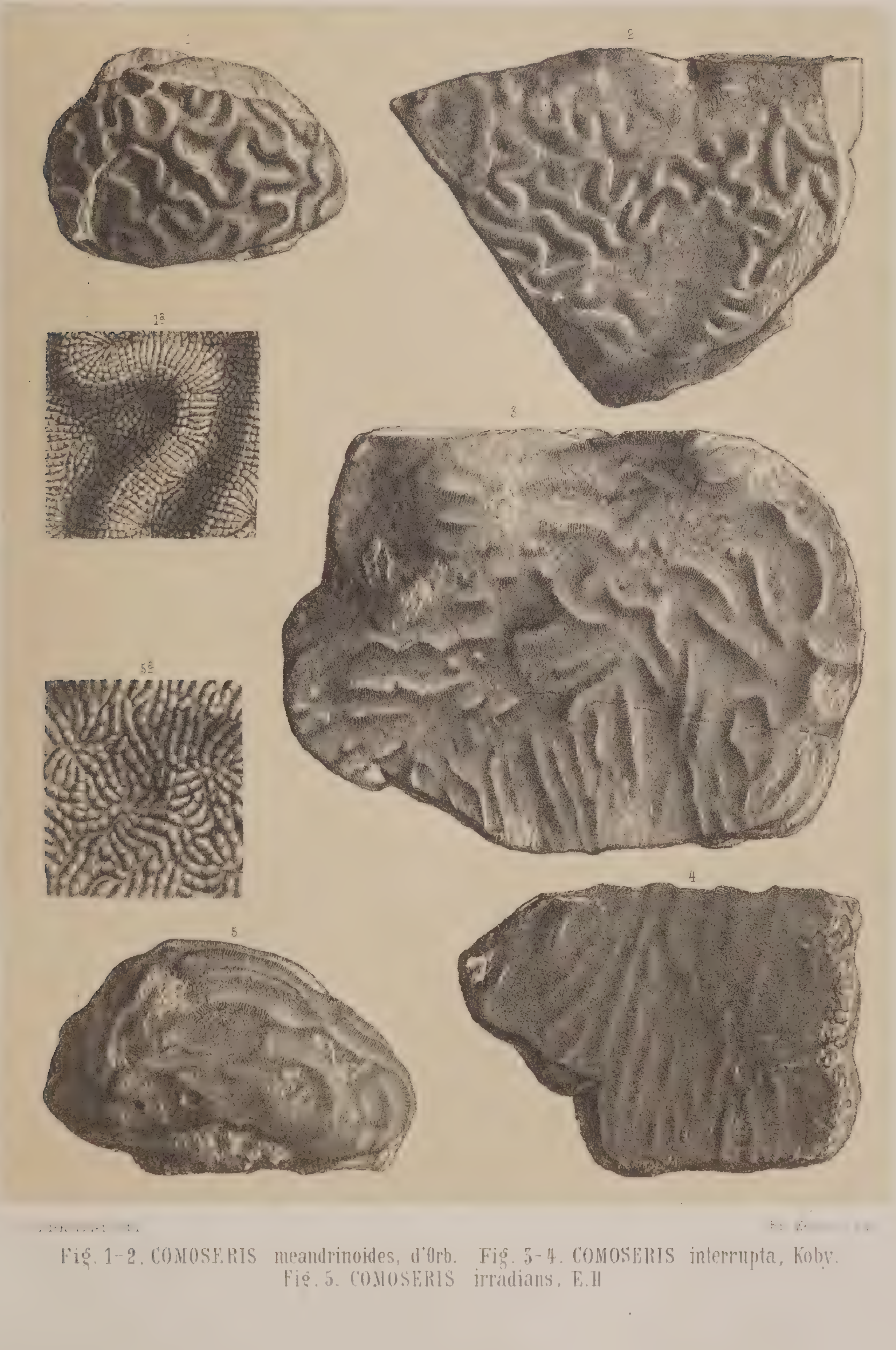


Fig. 1-2. COMOSERIS meandrinoides, d'Orb. Fig. 3-4. COMOSERIS interrupta, Koby.
Fig. 5. COMOSERIS irradians, E.H

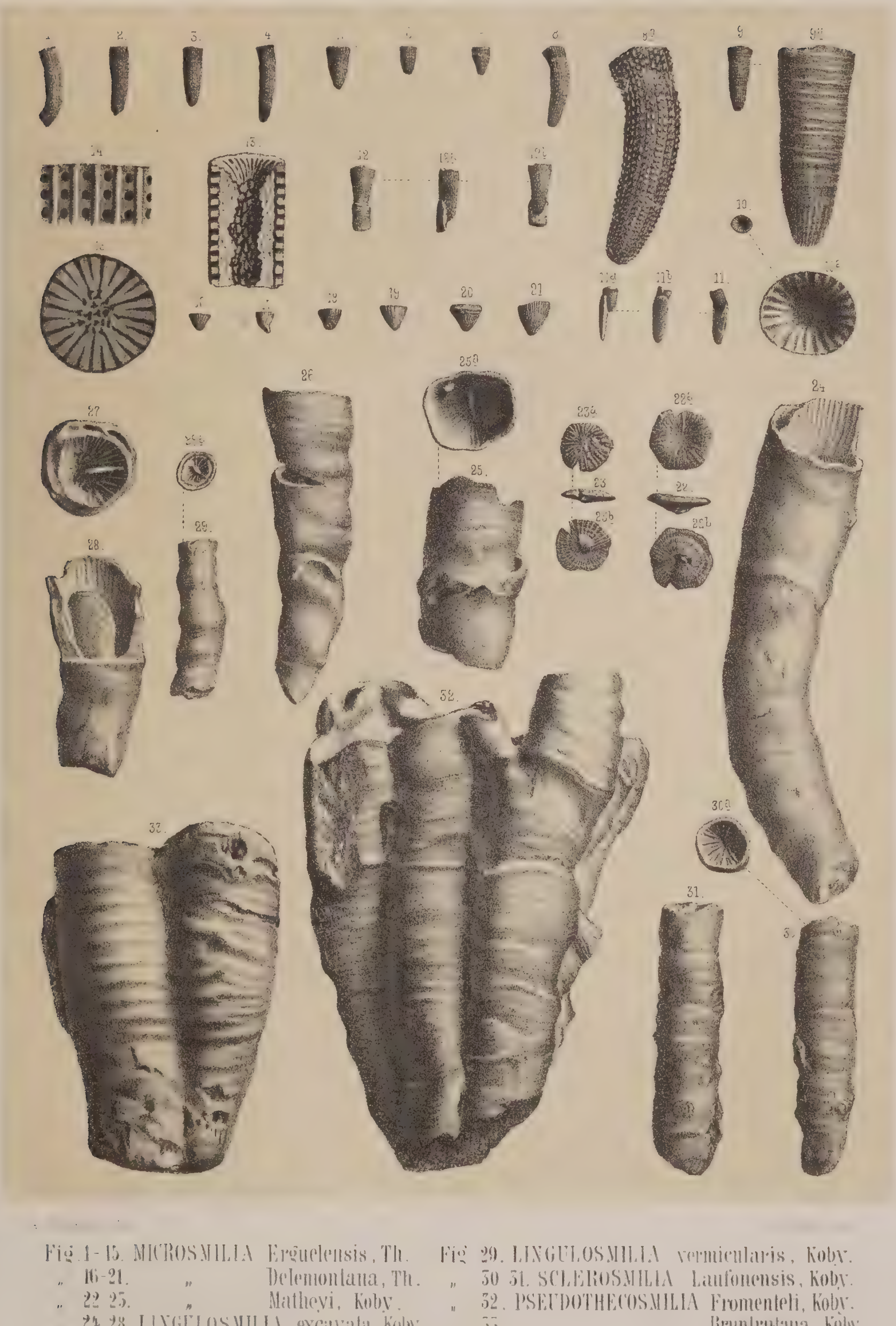


Fig. 1-15. MICROSMILIA Erguelensis, Th.
„ 16-21. „ Delemontana, Th.
„ 22-23. „ Matheyi, Koby.
„ 24-28. LINGULOSMILIA excavata, Koby.
Fig. 29. LINGULOSMILIA vermicularis, Koby.
„ 30-31. SCLEROSMILIA Laufonensis, Koby.
„ 32. PSEUDOTHECOSMILIA Fromenteli, Koby.
„ 33. „ Bruntrutana, Koby.

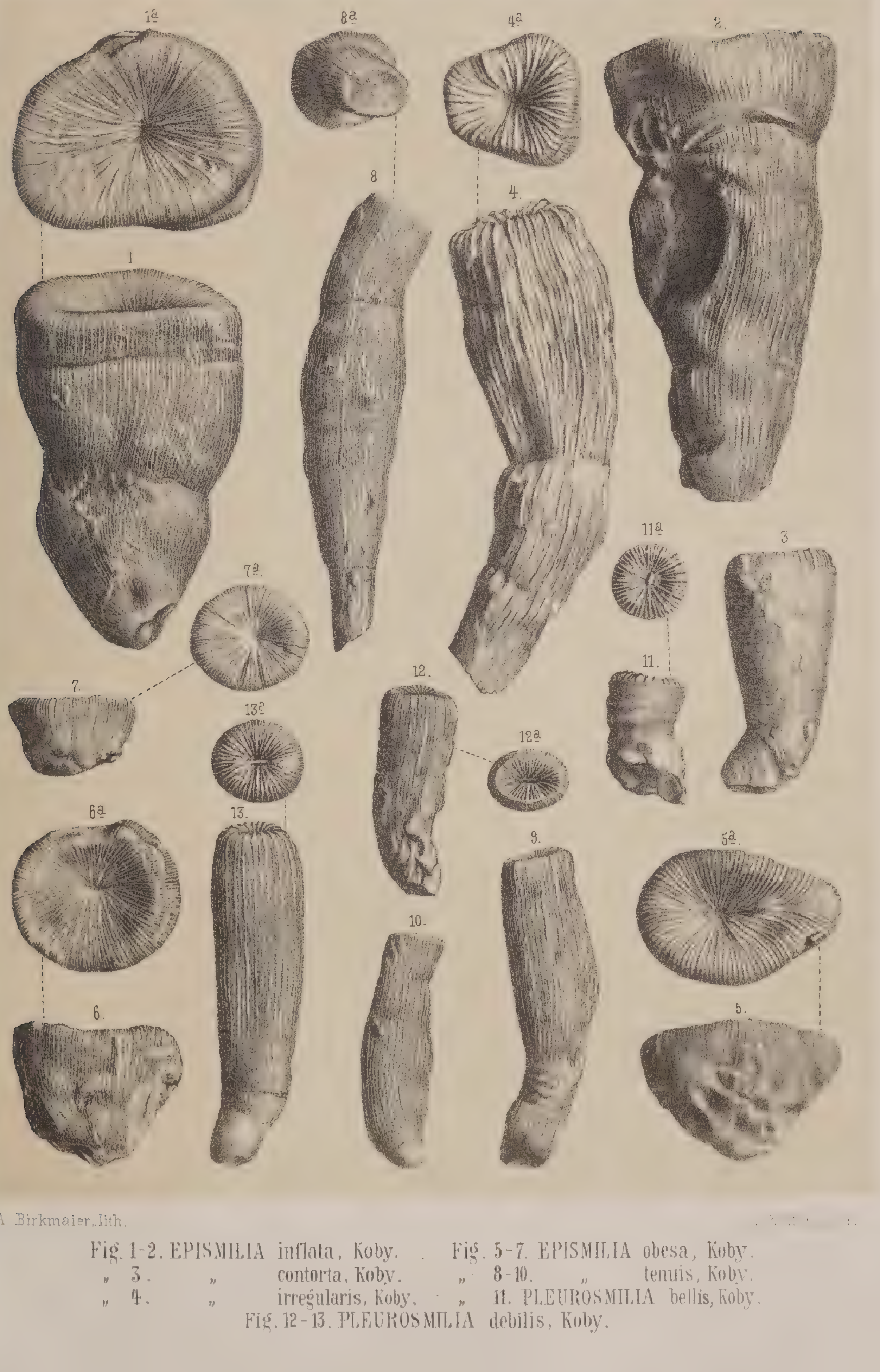
A. Birkmaier. lith.

Fig. 1-3. LINGULOSMILIA cornuta, Koby.
" 4-5. " emarginata, Koby.
Fig. 6-7. CHEILOSMILIA microstoma, Koby.
" 8-12. SCLEROSMILIA rugosa, Koby.

Fig. 1-2. PSEUDOTHECOSMILIA Etalloni, Koby. „ 3. SCHIZOSMILIA excelsa, Koby. Fig. 4. SCHIZOSMILIA Rollieri, Koby. „ 5. „ corallina, Koby.

A. Birkmaier, lith. Br. Keller, gedr.

Fig. 1-2. AMPHIASTREA basaltiformis, Et. Fig. 3. AMPHIASTREA gracilis, Koby.
Fig. 4. THECIDIOSMILIA valvata, Koby.



A. Birkmaier, lith.

Fig. 1-2. EPISMILIA inflata, Koby. Fig. 5-7. EPISMILIA obesa, Koby.
„ 3. „ contorta, Koby. „ 8-10. „ tenuis, Koby.
„ 4. „ irregularis, Koby. „ 11. PLEUROSMILIA bellis, Koby.
Fig. 12-13. PLEUROSMILIA debilis, Koby.

A. Birkmaier

Fig. 1-2. PLEUROSMILIA maxima Koby. Fig. 4-5. PLEUROSMILIA pumila, Koby.
„ 3. „ vesiculosa, Koby. „ 6-7. „ incerta, Koby

Birkmaier, lith. Br. Keller, ged.

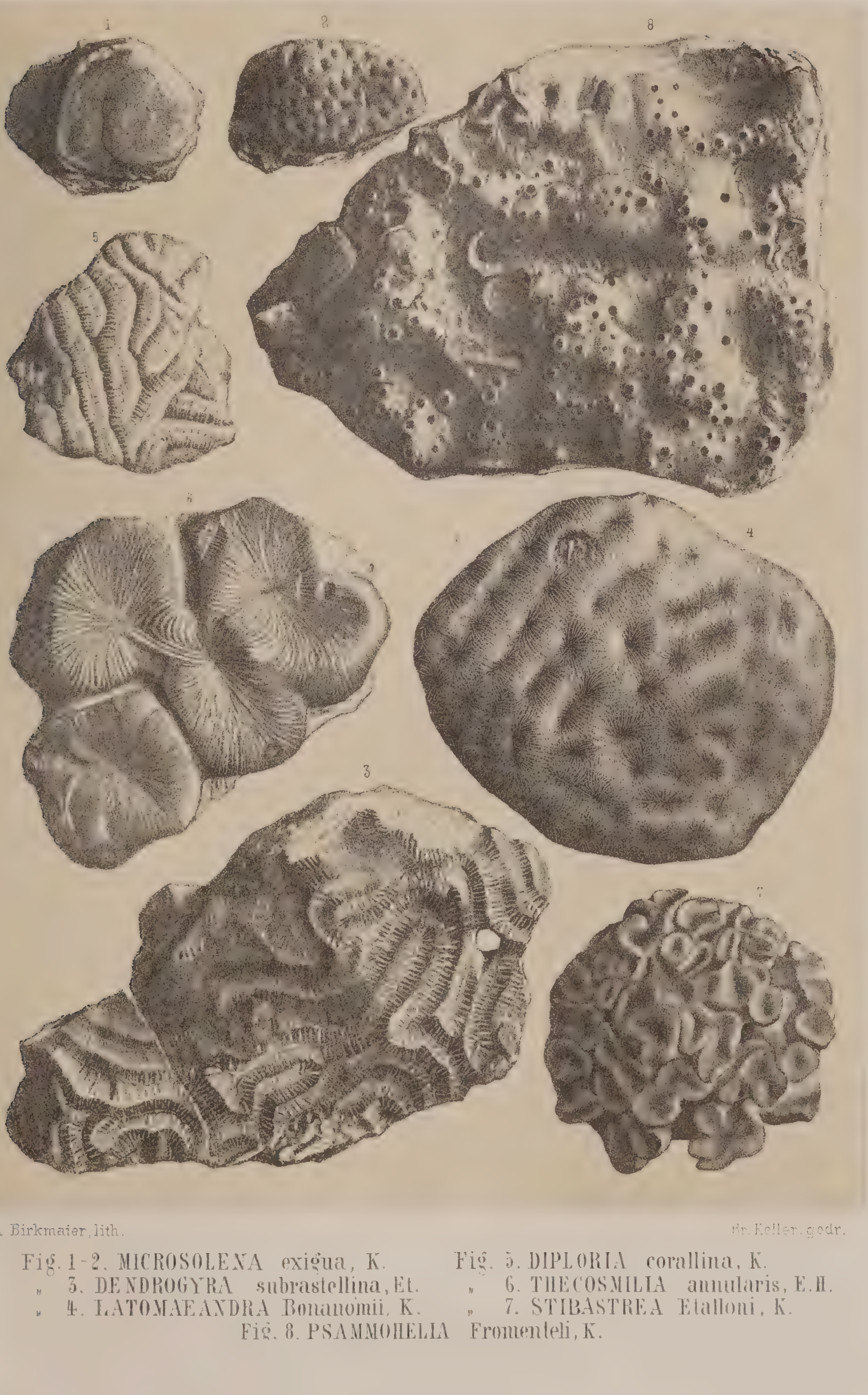
Fig. 1. RHIPIDOGYRA percrassa, Et. Fig. 2. RHIPIDOGYRA elegans, Koby.

A. Birkmaier. lith. Br. Keller. edi.

Fig. 1. PACHYGYRA Knorri, Koby. Fig. 2. RHIPIDOGYRA Rütimeyeri, Koby.
Fig. 3. RHIPIDOGYRA Langi, Koby.

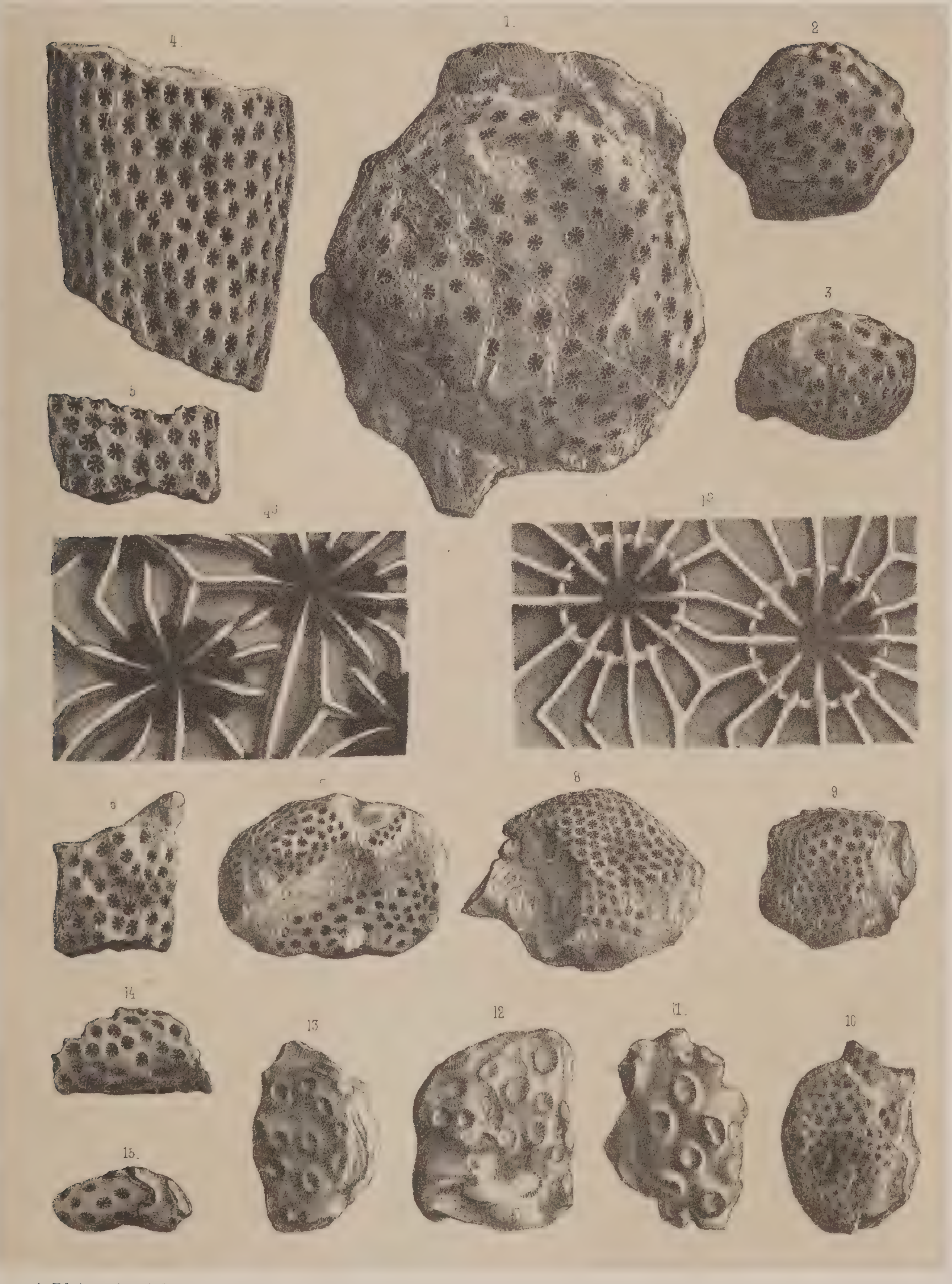
A. Birkmaier lith. Br. Keller, g

Fig. 1-7. CODONOSMILIA elegans, Koby. Fig. 8. APLOSMILIA Thurmanni, Koby.
Fig. 9-14. APLOSMILIA semisulcata, Mich.



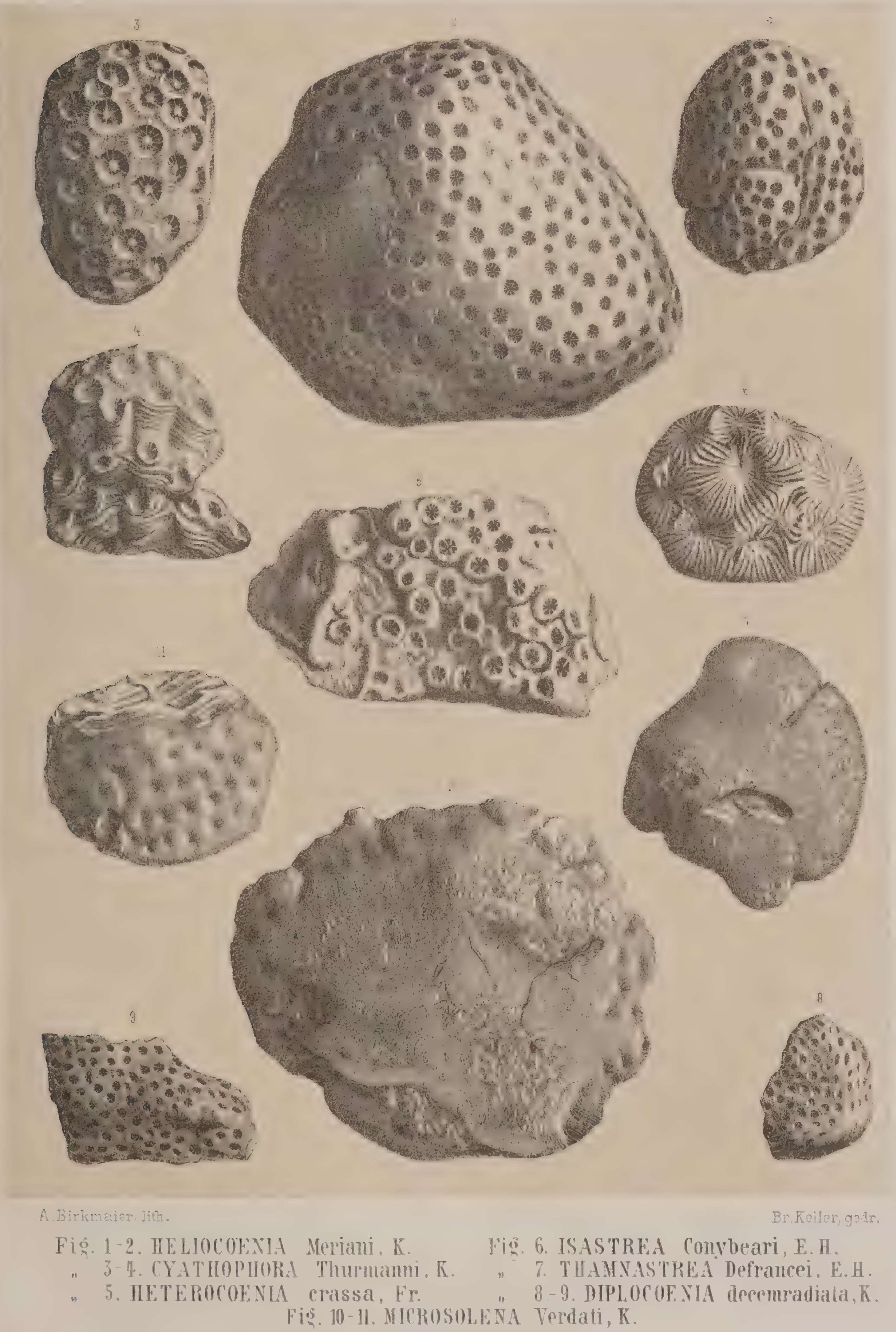
A. Birkmaier, lith. Fr. Keller, gedr.

Fig. 1-2. MICROSOLENA exigua, K.
" 3. DENDROGYRA subrastellina, Et.
" 4. LATOMAEANDRA Bonanomii, K.
Fig. 5. DIPLORIA corallina, K.
" 6. THECOSMILIA annularis, E.H.
" 7. STIBASTREA Etalloni, K.
Fig. 8. PSAMMOHELIA Fromenteli, K.



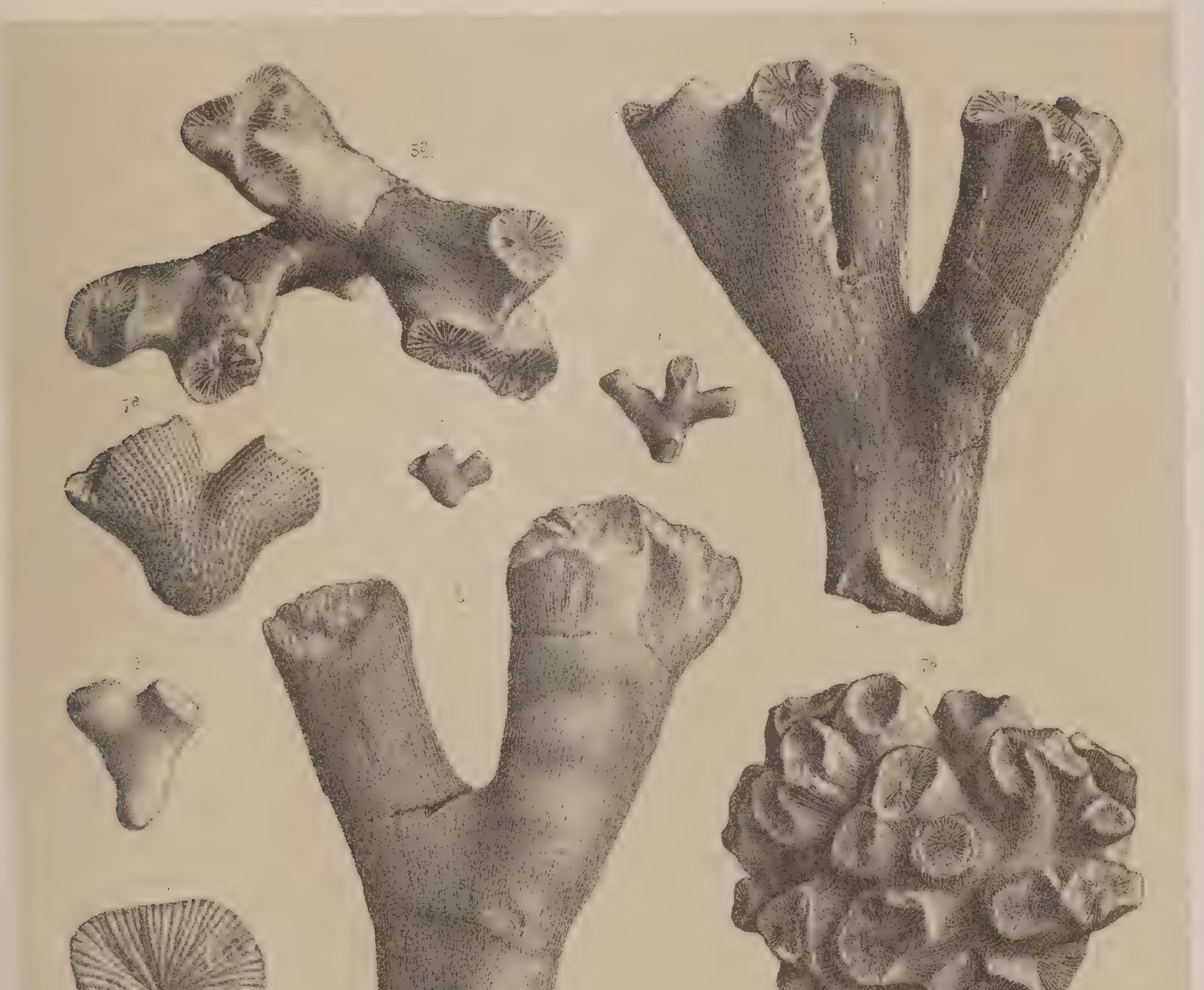
A. Birkmaier. lith. Br. Keller, gedr.

Fig. 1-3. CONVEXASTREA Schardti, K. Fig. 7-10. CONVEXASTREA Gillieroni, K.
„ 4-6. „ alveolata, K. „ 11-12. STYLINA Lorioli. K.
Fig. 13-15. CRYPTOCOENIA tenuistriata, K.



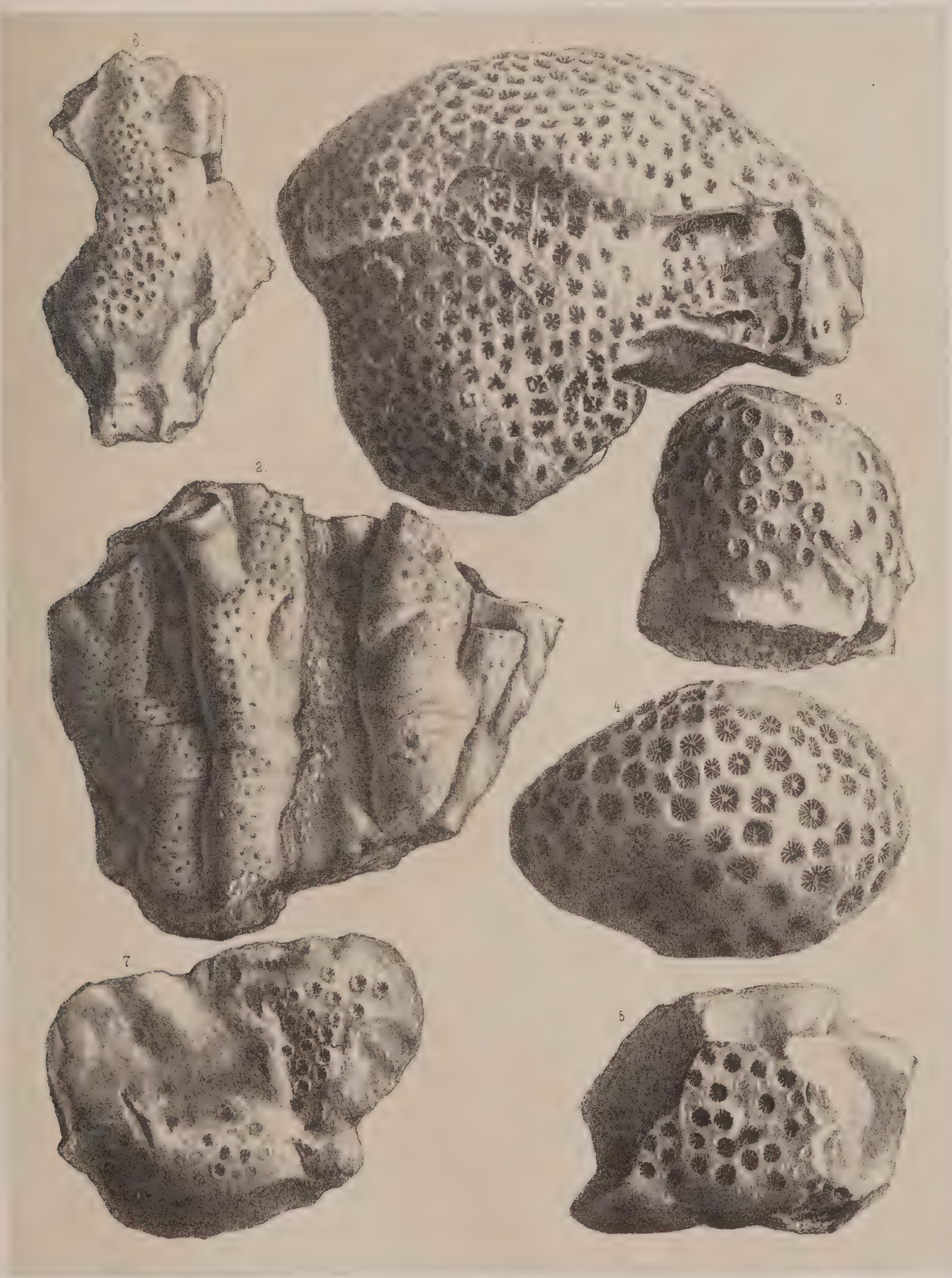
A. Birkmaier lith. Br. Keller, gedr.

Fig. 1-2. HELIOCOENIA Meriani, K.
„ 3-4. CYATHOPHORA Thurmanni, K.
„ 5. HETEROCOENIA crassa, Fr.
Fig. 6. ISASTREA Conybeari, E. H.
„ 7. THAMNASTREA Defrancei, E. H.
„ 8-9. DIPLOCOENIA decemradiata, K.
Fig. 10-11. MICROSOLENA Verdati, K.



Br. Keller gedr.

Fig. 1-2. DERMOSMILIA pusilla, K. Fig. 5. DERMOSMILIA subcrassa, K.
„ 3 4. „ simplex, K. „ 6. „ laxata, Et.
Fig. 7. BARYPHYLLIA Rauracina, K.

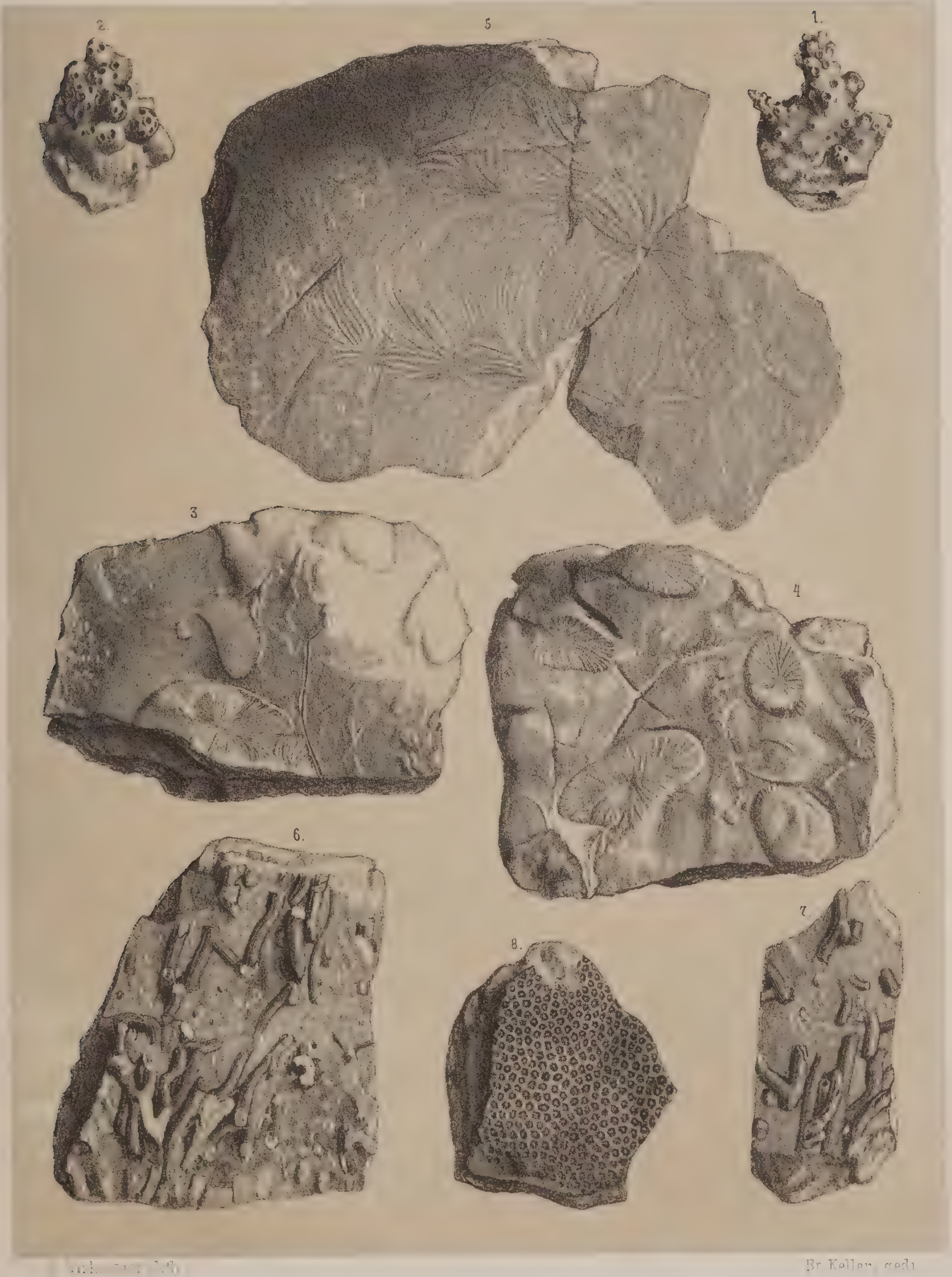


A. Birkmaier, lith.

Fig. 1. CONVEXASTREA hexaphyllia, d'Orb.
„ 2. DIPLOCOENIA Ursicina, Koby.
„ 3-4. STYLINA semitumularis, Et.
Fig. 5. CRYPTOCOENIA Waldeckensis, Et.
„ 6. „ Delemontana, Koby.
„ 7. „ Bonanomii, Koby.

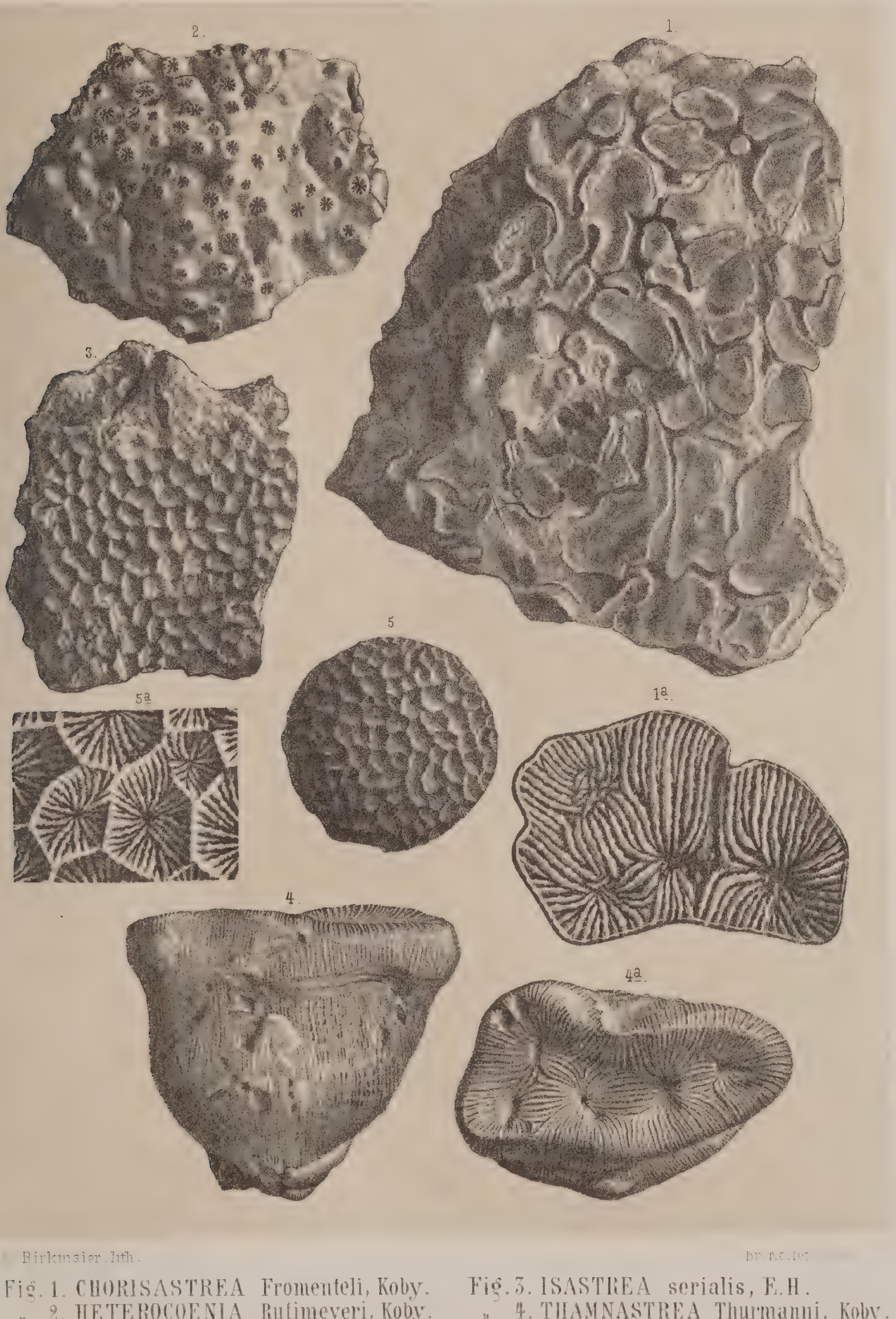
A. Birkmaier, lith. Br. Keller, [illegible]

Fig 1. MONTLIVAULTIA crassisepta, Fr. Fig. 5. ISASTREA sulcata, Koby.
„ 2-4. LEPTOPHYLLIA lobata, Koby. „ 6. HETEROCOENIA Rutimeyeri, Koby.
Fig. 7. LATIMAEANDRA Contejani, Et.



Br. Keller, gedr.

Fig. 1 2. DENDROHELIA Ursicina, Koby. Fig. 6 7. CLADOPHYLLIA tenuis, Koby.
„ 3 4. DERMOSMILIA alpina, Koby. „ 8. THAMNASTREA M'Coyi, E.H.
Fig. 5. THAMNASTREA Stutzi, Koby.



Birkmaier, lith.

Fig. 1. CHORISASTREA Fromenteli, Koby. Fig. 3. ISASTREA serialis, E. H.
„ 2. HETEROCOENIA Rutimeyeri, Koby. „ 4. THAMNASTREA Thurmanni, Koby.
Fig. 5. LATIMAENDRA Fringeliana, Koby.

EXPLICATION DE LA PLANCHE CXXIX

Fig. 1. Section longitudinale à travers un calice de la *Dendrohelia coalescens*, dans la moitié inférieure la columelle est enlevée. Grossissement 10.

Fig. 2. Section longitudinale dans le sens de la columelle à travers un calice de l'*Aplosmilia semisulcata*, montrant deux cloisons opposées et la columelle. Grossissement 3.

Fig. 2a. Même section, mais perpendiculaire à la columelle. Même grossissement.

Fig. 2b. Bord interne d'une cloison principale et d'une secondaire. Grossissement 8.

Fig. 3. Section verticale et perpendiculaire à une série calicinale de la *Dendrogyra Thurmanni*, faisant voir deux cloisons opposées. Grossissement 4.

Fig. 4. Section verticale à travers deux calices de l'*Heliocœnia corallina* montrant l'exothèque, les cloisons, la columelle et les traverses. Grossissement 6.

Fig. 5. Calice de la *Cryptocœnia limbata*, coupé verticalement, avec les traverses endothécales et exothécales, ainsi que les cloisons et les côtes. Grossissement 8.

Fig. 6. Section analogue chez la *Cryptocœnia decipiens* montrant les mêmes éléments. Même grossissement.

Fig. 7. Un calice de l'*Heterocœnia Rutimeyeri* coupé verticalement pour montrer les cloisons et leur bord interne, ainsi que les traverses rudimentaires. Grossissement 8.

Fig. 8. Une cloison de l'*Epismilia multisepta*, avec ses granulations et les traverses. L'épithèque n'existe plus. Grossissement 3.

Fig. 9. Cloison de la *Pleurosmilia pumila*, avec les mêmes organes et l'épithèque. Grossissement 2.

Fig. 10. Cloison tertiaire de la *Trochosmilia excelsa* montrant les traverses et les arêtes inclinées. Grossissement 2.

Fig. 10 a. Une cloison primaire du même polypier, les arêtes sont cachées par une granulation fine. L'épithèque est enlevée. Même grossissement.

Fig. 11. Cloison de la *Dermosmilia laxata* montrant les découpures du bord interne, les pores, les granulations spiniformes des faces et la disposition des traverses. Grossissement 3.

Fig. 11 a. Fragment de deux cloisons des derniers cycles dù même polypier, on voit de quelle manière la petite s'anastomose à la plus grande. Les granulations sont rares et on remarque des pores. Grossissement 6. (Les bords dorsal et supérieur sont usés.)

Fig. 12. Partie supérieure d'une cloison de la *Montlivaultia Matheyi*, montrant les dents et les stries cloisonnaires, les traverses et l'épithèque. Grossissement 4.

Fig. 13. Partie supérieure d'une cloison de la *Confusastrea rustica*, montrant les mêmes organes, sauf l'épithèque qui est enlevée. Grossissement 4.

Fig. 14. Les mêmes éléments chez la *Thecosmilia costata*. Grossissement 4.

Fig. 15. Fragment supérieur d'une cloison de l'*Isastrea explanata* avec ses dents, ses stries granulées verticales et les petites traverses. Grossissement 10.

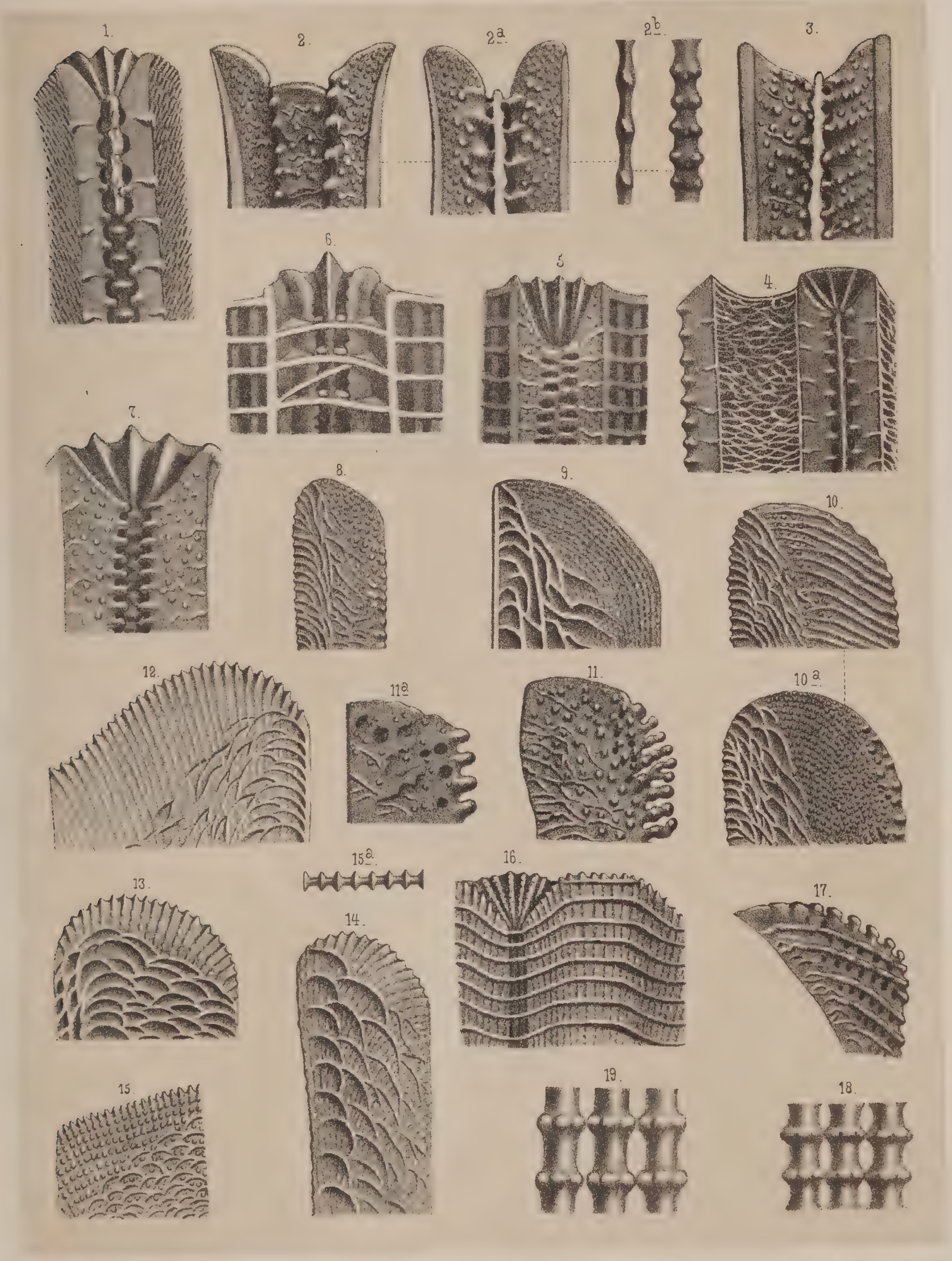
Fig. 15 a. Portion du bord supérieur de la cloison précédente vue par le haut, à un grossissement double, pour montrer la disposition des dents.

Fig. 16. Calice et lame costale de la *Clausastrea parva* montrant sur une coupe verticale les stries cloisonnaires et les planchers. Grossissement 10.

Fig. 17. Lame cloisonnaire de la *Leptophyllia Thurmanni*. On voit la structure poutrellaire, les arêtes produites par les extrémités renflées des trabicules, les pores, les traverses et les dents cloisonnaires. Grossissement 6.

Fig. 18. Quelques trabicules de la même espèce. Grossissement 12.

Fig. 19. Trabicules de la *Leptophyllia recta*. Grossissement 12.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EXPLICATION DE LA PLANCHE CXXX

Fig. 1. Portion cloisonnaire supérieure de la *Latimæandra Bonanomii,* montrant la structure poutrellaire et les pores. Grossissement 8.

Fig. 1 a. Trois cloisons voisines brisées et vues par le dos. Grossissement 16.

Fig. 2. Partie supérieure d'une cloison de la *Latimæandra corrugata*, montrant les arêtes des faces, les dents cloisonnaires, çà et là quelques pores linéaires. Grossissement 8.

Fig. 3. Les mêmes éléments chez la *Thamnastrea arachnoides*, les lignes obliques sont des traverses rudimentaires. Grossissement 8.

Fig. 3 a. Portion dorsale de quelques cloisons, chez la même espèce, faisant voir comment les arêtes se touchent et produisent des fausses traverses. Grossissement 16.

Fig. 4. Deux cloisons opposées de la *Thamnastrea Lomontiana.* On voit les prolongements spiniformes internes, les dents supérieures, les traverses concaves simulant des planchers et les synapticules brisées. Grossissement 8.

Fig. 5. Deux cloisons opposées et anastomosées par leurs bords internes de la *Mæandrarea Gresslyi.* On aperçoit la structure poutrellaire, les arêtes subparallèles et les pores circulaires. Grossissement 8.

Fig. 6. Fragment supérieur d'une portion interne de la cloison de la *Microsolena Cæsaris*, montrant la structure poutrellaire régulière, les trabicules à extrémité lobée, les pores elliptiques. Grossissement 8.

Fig. 7. Une portion interne de deux cloisons opposées de la *Comoseris mæandrinoides*, montrant également la structure poutrellaire. Grossissement 10.

Fig. 8. Section verticale d'une portion supérieure de la *Goniastrea favulus.* On voit la muraille, les dents cloisonnaires du bord supérieur, le bord interne de cloisons d'âge différent avec les prolongements plus ou moins prononcés, les stries obliques. Grossissement 8.

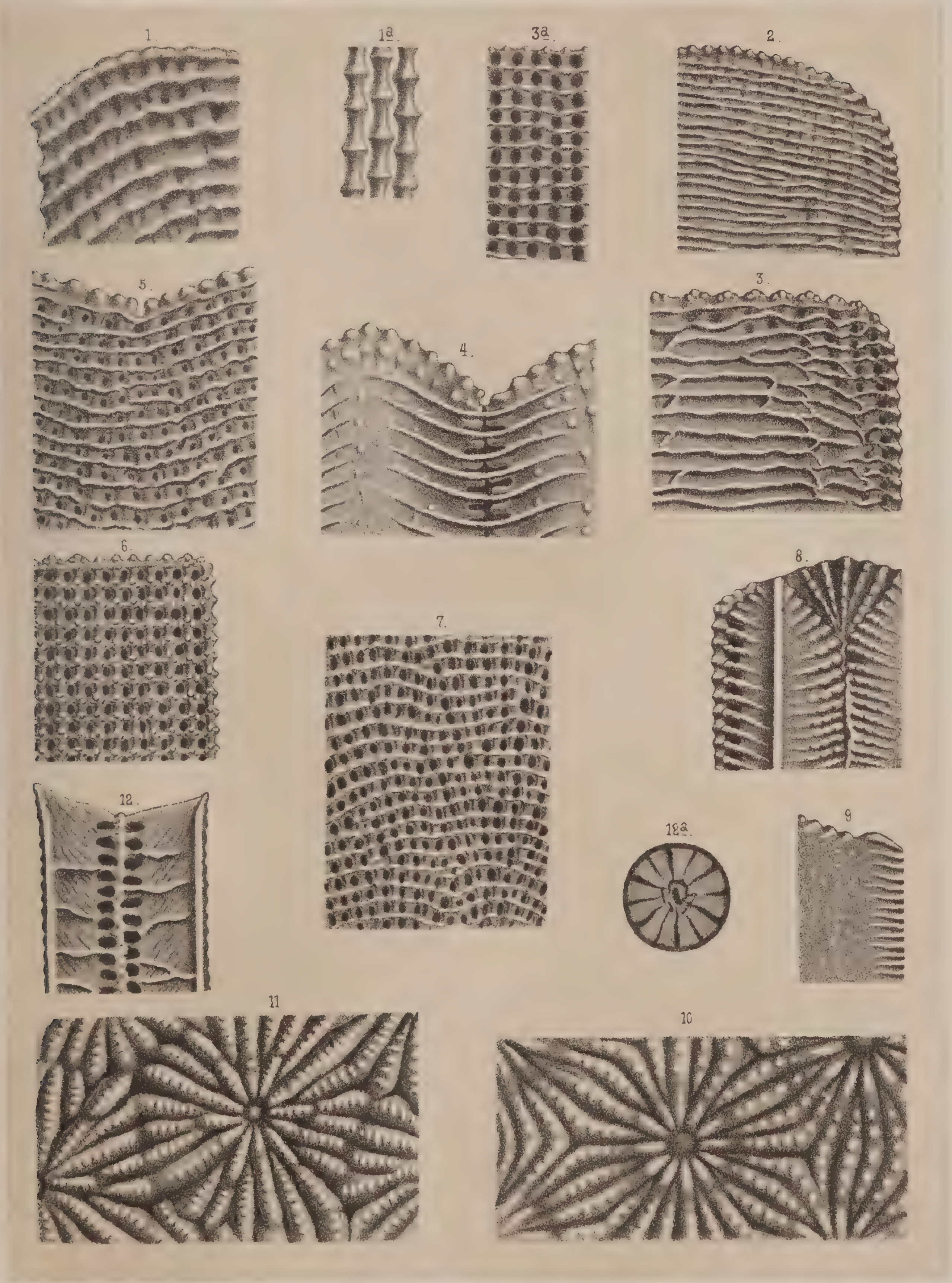
Fig. 9. Une cloison de l'*Astrocœnia Matheyi*, avec ses dents, son lobe paliforme et les stries du bord interne. Grossissement 14.

Fig. 10. Portion de la surface calicinale supérieure de la même espèce, montrant les grains du bord septal supérieur avec les lobes paliformes et la columelle. Grossissement 14.

Fig. 11. Portion analogue de la *Stephanocœnia trochiformis* faisant voir les mêmes éléments. Grossissement 16.

Fig. 12. Section verticale de la partie supérieure d'une branche de la *Goniocora socialis*, montrant deux cloisons opposées, la muraille, la columelle rudimentaire et les traverses. Grossissement 8.

Fig. 12 a. Section transversale d'un calice de la même espèce pour montrer comment les cloisons se soudent entre elles par leur bord interne. Grossissement 5.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